Lancaster Farming

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Congress staying late to pass ag legislation

Conference committee works on Farm Bill; Farm Credit aid packages up for final vote

BY JAMES H. EVERHART

WASHINGTON — The U.S. Congress is scheduled to put in some late nights and work right through the weekend to pass vital farm legislation before it adjourns for the year.

A 61-member Conference Committee was burning the midnight oil this week to resolve the wide differences between the House and Senate versions of the 1985 Farm Bill.

Meanwhile, Congressional leadership was maneuvering to put the emergency Farm Credit rescue package on the President's desk in almost record time.

The Farm Bill package continued its snail's pace through the legislative process, on the other hand, as the Conference Committee hammered out compromise planks.

Capitol insiders reported that the leadership may have already worked out informal deals on the key planks, to smooth the way for passage.

Included in the compromise was the controversial House dairy proposal, reportedly accepted by the conference, despite the paid diversion, whole-herd buyout and cost-of-production pricing system that the Reagan Administration has vehemently opposed in the past.

Senate Minority Leader Robert Dole was reportedly trying to keep the Congress in session through Tuesday, in order to pass the landmark legislation. Congress had originally planned to begin its Christmas recess Friday.

Earlier this week, the Congress had okayed separate versions of the Farm Credit bill, before, in effect, moving the House version through channels, with approval expected imminently at press time.

House Ag Committee Chairman E. "Kika" de la Garza and Dole were reportedly working on the bill personally, in order to come up with a compromise that would not have to go to a House-Senate conference.

Essentially, the Farm Credit legislation slated for Congressional approval is the House bill with some minor modifications, mostly operational.

Major provisions of the credit package include:

System Self-Help

This portion of the bill is designed to enable the System to assist troubled individual institutions by more effectively marshalling the resources of its network of Federal Land Banks, Federal Intermediate Credit Banks and Banks for Cooperatives. To accomplish this, the bill requires the creation of a new FCS institution to be called the Farm Credit System Capital Corporation.

The FCS-CC would:

– Provide a central source of financial assistance to individual FCS institutions.

– Serve as a System-wide "warehouse" to which System institutions could sell acquired properties and loans on which farmers had not made payments. The FCS-CC could hold, restructure, guarantee and administer the loans, and it could refinance, reamortize or otherwise adjust debts for borrowers on any such purchased loans, or eventually

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1,500 expected for Mid-Atlantic No-till

TIMONIUM — They're not expecting a new record, but organizers of the Mid-Atlantic No-Till Conference anticipate upwards of 1,500 growers to attend the annual event Wednesday at the Maryland State Fairground here.

John F. Marten

"There's still some corn and soybeans to be harvested," remarked University of Maryland press specialist T. Milton Nelson, who is publicity chairman for the event. If the day looks favorable for harvesting, he added, attendance might be reduced.

Registration for the event, also may have been affected by several smaller no-till meetings, which have been launched this year in Delaware and Allentown. However, the Mid-Atlantic event, currently in its 12th year, remains the "grandaddy" of them all, Nelson added.

The featured speaker for the event, John F. Marten of West Lafayette, IN., may find his subject changing right up to the last minute. At the planning stages, organizers assumed that the 1985 Farm Bill would already have been passed, and asked the

(Turn to Page A18)

Breakfast aids Ag land preserve

LANCASTER — Whether you're hungry, or you want to help preserve prime agricultural land, you can satisfy both yearnings today or Sunday.

Just attend the holiday season country buffet breakfast sponsored today and Sunday at the Family Style Restaurant, 4½ miles east of Lancaster on the Lincoln Highway East.

The buffet, which will benefit the Lancaster County Agricultural Land Preservation Fund, will cost only $3, all of which will be used for ag land preservation activities.

Area suppliers have donated food and materials, while the owners of the restaurant have donated facilities and staff time to prepare the meal.

Will ewe numbers double?

Rocco may need 500 Pa. lambs a day

BY JACK HUBLEY

GRANTVILLE — If industry leaders have their way, 1985 may prove to be the pivotal year for the East Coast sheep industry.

The catalyst for change is Rocco Enterprises, Inc., the well-known Virginia-based poultry processor that has vowed to escalate its lamb slaughter to 10,000 animals a week at its further processing plant in Timberville, Va. Now when Rocco speaks, the sheep industry listens.

More than 100 representatives of private industry, government and state agricultural organizations were listening on Tuesday evening when an address by Rocco's executive vice president James Darazsdi kicked off a two-day sheep industry leader forum.

Since its beginnings as a feedmill in 1939, Rocco has blossomed to nine divisions with its headquarters located in Harrisonburg, Va. Best known as a poultry processor, the company operates the largest turkey processing plant in the world.

Located in Timberville, the Rocco Further Processing plant devotes half of its 90,000 square feet of floor space to poultry and the other half to lamb slaughter. Though Rocco lamb is marketed strictly in boxed form at the

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James Darazsdi

PTA to hold first tobacco auction in 40 years

BY JACK HUBLEY

INTERCOURSE — Tobacco buyers representing companies in North Carolina, Tennessee and Virginia will be attending Pennsylvania's first tobacco auction in 40 years on Monday, according to Pennsylvania Tobacco Auction, Inc., general manager Eric Probst.

The event will take place at the sale barn owned by Martin Auctioneers, Inc., located two miles east of Intercourse on Route 340. The sale gets underway at 9 a.m. and will continue until all tobacco has been sold, said Probst.

According to PTA's manager, 327,000 pounds of Maryland Type 609 cigarette tobacco has been consigned for Monday's sale. For Wednesday's sale, 342,000 pounds will go across the auction block, and at least 310,000 pounds have been committed for Friday's sale.

"That's about all we've got room for," said Probst, noting that a recently completed addition to the existing auction barn adds 8,000 feet of floor space to the original 10,000-square-foot building.

"We expect the market to open up not too much stronger then it was last year," said Probst. The best tobacco should sell for about $1.05 to $1.15 a pound he said, adding that he has heard talk of prices going as high as $1.18. "The buyers have hit the field pretty hard since last Saturday, and they really want to buy tobacco," Probst said.

The sale's auctioneer will be Mitch Ashby, a professional tobacco auctioneer from North Carolina.

Tobacco will be graded according to "tips," "middles" and "bottoms," and will be displayed on skids containing 10 bales of a single grade, the PTA manager said. The auctioneer will walk down the aisles auctioning tobacco by the skid, with buyers following on the opposite side of the skids. The high bid will be written on the skid ticket, and sellers as well as buyers will have 30 minutes to reject a bid after it is recorded. Tobacco not sold will be immediately put up for resale.

Probst stressed that all tobacco sold must be paid for on the day of the sale, and sellers should be able to pick up their checks by late afternoon. "We think we can have most of the auction over by noon," he said.

The two cent-per-pound assessment charged to buyers represents a savings over traditional handling charges, said Probst. "They've been paying up to five to eight cents a pound to receive tobacco directly from the farmer," Probst said. "We provide all those services for two cents a pound." Growers will also pay two cents to sell their product at the auction.

Probst and the PTA are certain that the auction will prove to be an improvement over the county's traditional marketing method. In years past, buyers would canvass the county, buying tobacco on a one-on-one basis directly from the farmer.

Though early sales will feature only Maryland 609, Pennsylvania Type 41, commonly used in the cigar and chewing tobacco trade, may come under the gavel as well. "If we have a successful sale of Type 609, we expect sales of Type 41 to fall into place," Probst said.

Monday's event will be the first tobacco auction to be held in Lancaster County since 1946. More than 90 percent of the state's total tobacco crop is grown here, said Probst.

Red Rose DHIA holds meeting

Lancaster County DHIA members and supervisors received a host of awards and certificates during the annual Red Rose DHIA banquet this week.

To find out who had the county's top producing herds and which supervisors were recognized for outstanding service turn to page A24.

Livestock market and auction news

Lancaster Market

Monday, Dec. 9
Report Supplied by USDA

Cattle	Calves	Hogs	Sheep	Goats
Monday's Receipts				
1041	197	718	517	212
Last Monday				
1078	168	941	306	230
Last Year				
878	134	1141	838	
Monday's Auction				
929	204	692	521	231
Last Monday's Auction				
1121	168	772	369	260

CATTLE: Compared to last Monday slaughter steers 1.00 lower, except Holsteins firm; slaughter heifers steady in light test; cows steady to 1.00 higher; bulls steady. Supply included 41% steers, 28% heifers, 17% cows, and 14% bulls.

SLAUGHTER STEERS: Few high Choice and Prime 2-4 1250-1500 lb. 64.00-66.00; Choice 2-4 1050-1350 lb. 61.00-65.50; mixed Good and Choice 2-3 1000-1300 lb. 58.00-63.50; Good 2-3 950-1250 lb. 55.00-58.00; Holsteins, Choice 2-3 1250-1400 lb. 55.00-60.00, Good 1-3 1250-1400 lb. 48.00-52.25.

SLAUGHTER HEIFERS: Choice and Prime 2-4, few lots around 1175 lb. 63.60-64.10, few individuals 1150-1325 lb. 65.25-68.25; Choice 2-4 1050-1150 lb. 60.00-64.00; mixed Good and Choice 2-3 975-1300 lb. 56.75-60.00; Good 2-3 850-1050 lb. 53.00-58.00.

COWS: Breaking Utility and Commercial 2-4 37.50-39.00, few high dressing 40.00; Cutter and Boning Utility 1-3 35.50-37.00; Canner and low dressing Cutter 32.00-35.00.

BULLS: Yield grade 1 1100-1900 lb. 46.50-51.00, few high dressing 51.00-54.00, individuals 57.00 and 58.25; yield grade 2 1000-2000 lb. 43.50-47.50.

VEAL CALVES: Vealers and calves to return to farm weak to 5.00 lower. Supply included a few head Prime special fed bought to arrive at 125.00.

VEALERS: High Choice and Prime 150-320 lb. 100.00-115.00; Choice 150-300 lb. 80.00-100.00; high Good and low Choice 120-250 lb. 60.00-80.00, 80-120 lb. 45.00-55.00.

RETURNED TO FARM: Bulk 80-110 lb. Holstein bulls 60.00-85.00.

SHEEP: Slaughter lambs and ewes steady.

WOOLED LAMBS: Choice and Prime 85-110 lb. 70.00-76.00; Good and Choice 85-110 lb. 60.00-70.00.

FEEDER LAMBS: Choice and Fancy 60-80 lb. 58.00-72.00.

SLAUGHTER EWES: Utility and Good 25.00-35.00.

NEW CROP LAMBS: Choice and Prime 45 lb. 147.00, 40 lb. 130.00.

GOATS: All goats sold by the head, steady to 5.00 higher. Large mature 50.00-70.00, Medium 30.00-50.00, Small 20.00-30.00.

Vintage Market

Tuesday, Dec. 10
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	936	995	8	4
Last Tuesday	1131	999	8	9
Last Year	909	889	6	2

CATTLE: Compared to last Tuesday slaughter steers steady to 1.00 higher; slaughter heifers scarce; cows 1.00 lower; bulls steady in a light test. Supply included 33% steers and 58% cows.

SLAUGHTER STEERS: High Choice with a few Prime 2-4 1300-1500 lb. 68.00-70.35; Choice 2-4 1100-1350 lb. 63.00-68.00, mostly 65.00-67.00, mixed Good and Choice 2-3 1100-1300 lb. 58.00-62.75; Good 2-3 1000-1300 lb. 55.00-60.00; Holsteins, few Good and Choice 2-3 1300-1400 lb. 50.00-53.00, few Good 1-3 1150-1500 lb. 44.00-48.00.

SLAUGHTER HEIFERS: Scarce.

COWS: Breaking Utility and Commercial 2-4 34.50-39.00, couple individuals up to 40.00; Cutter and Boning Utility 1-3 32.00-36.00; Canner and low dressing Cutter 1-2 29.00-33.50.

BULLS: Few yield grade 1-2 1400-2150 lb. 43.50-48.00.

VEAL CALVES: Vealers steady, Prime grade calves scarce; calves to return to the farm firm. Supply included 652 in graded sale of which 67% sold to return to the farm.

VEALERS: Choice 150-300 lb. 68.00-85.00; high Good and low Choice 150-400 lb. 40.00-58.00, 80-150 lb. 30.00-40.00.

RETURNED TO FARM: Holstein bulls 100-125 lb. 66.00-88.00, mostly 85.00; 75-100 lb. 40.00-60.00. One lot heifers 102 lb. 44.00.

SHEEP: No market test.

GOATS: No market test.

Lancaster Auction

Wednesday, Dec. 11
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Today	824	27	765	4	1
Last Wednesday	188	16	386	24	3
Last Year	211	53	562	9	0
Wednesday's Auction	211	20	692	0	0
Last Wednesday's Auction	156	33	345	0	0

CATTLE: Compared to Monday slaughter steers firm; slaughter heifers scarce; cows weak to 1.00 lower in a light test; bulls scarce. Supply included 59% steers.

SLAUGHTER STEERS: Choice 2-4 1050-1350 lb. 62.50-66.00; mixed Good and Choice 2-3 1150-1350 lb. 55.00-60.00; Good 2-3 1000-1200 lb. 51.00-55.00.

SLAUGHTER HEIFERS: Scarce.

COWS: Breaking Utility and Commercial 2-4 34.50-37.00, few individuals 39.50-40.50; Cutter and Boning Utility 1-3 32.00-35.00; Canner and low dressing Cutter 1-3 30.00-32.50.

BULLS: Scarce.

VEAL CALVES: No market test.

SHEEP: No market test.

GOATS: Not tested.

New Holland Livestock

New Holland, Pa.
Thursday, Dec. 12

	Cattle	Calves	Sheep	Goats
Today	925	680	136	29

CATTLE: Compared to last Thursday, Slaughter Steers steady to 1.00 higher, not enough Slaughter Heifers to test market trends. Slaughter Bulls weak, Cows 1.00 higher. Supply included 32% steers and 52% Cows.

SLAUGHTER STEERS 300: Few head High Choice and Prime 3-4 1200-1350 lbs. 68.00-69.00, Choice 2-4 1100-1400 lbs. 62.00-67.00, few head up to 68.00. Mixed Good and Choice 1-3 1000-1350 lbs. 58.00-62.00. Good 2-3 950-1300 lbs. 53.00-59.00, few head 61.00-64.50. Holstein Steers: Good 1-3 42.75-47.50.

SLAUGHTER HEIFERS 50: Few Choice 2-4 1050-1300 lbs. 62.00-65.00, few Mixed Good and Choice 2-3 1000-1200 lbs. 53.00-58.00.

SLAUGHTER BULLS 50: Yield Grade 1-2 1000-1800 lbs. 42.00-49.00, few high dressing individuals 53.00-56.00.

COWS 479: Breaking Utility and Commercial 2-4 36.00-40.00, few high dressing individuals 40.50-42.25. Cutter and Boning Utility 1-3 33.75-37.00. Canner and low dressing cutter 1-2 30.00-35.00, a few up to 36.00. Calves: Vealers and calves to return to the farm steady.

VEALERS: Prime 200-350 lbs. 100.00-116.00, Choice 150-350 lbs. 73.00-96.00. High Good and low Choice 140-300 lbs. 64.00-70.00, 100-140 lbs. 43.00-53.00, 80-100 lbs. 40.00-45.00, 50-80 lbs. 32.00-38.00. Returned to Farm: Bulk 90-120 lbs. Holstein Bulls 74.00-88.00, few 64.00-74.00. Few Holstein Heifers 100-125 lbs. 57.00-67.00.

WOOLED LAMBS: Choice and Prime 80-120 lbs., 60.00-70.00, few 70-90 lbs. 70.00-79.00.

FEEDER LAMBS: 50-90 lbs. 56.00-71.00.

SLAUGHTER EWES: Few Utility to Good 15.00-30.00.

GOATS: All goats sold by the head: Large Mature 50.00-70.00, Medium 30.00-50.00, Small 25.00-31.00.

Lancaster County Weekly

Friday, December 13
Report Supplied by PDA

	Cattle	Calves
This Week	4725	1900
Last Week	4062	2087
Last Year	3304	1676

CATTLE: Sl. steers closed 1.00 higher for the week ended Fri., Dec. 13; sl. heifers also 1.00 higher for the week, but supplies of heifers were very light; cows firm thru the week with good demand; bulls weak on light test.

SLAUGHTER STEERS: High Choice & Prime 2-4 1200-1500 lbs. 68.00-70.00; Choice 2-4 1050-1400 lbs. 62.00-68.00, mostly 64.00-66.00; mixed Good & Choice 2-3 1000-1300 lbs. 58.00-63.00; Good 2-3 950-1300 lbs. 55.00-60.00; hol. steers mixed Good & Choice 1-3 1200-1400 lbs. 48.00-52.00, few Choice as high as 55.00-60.00 early in week; Good 1-3 1100-1500 lbs. 44.00-48.00.

SLAUGHTER HEIFERS: Few high Choice & Prime 2-4 1150-1350 lbs. 65.00-68.00; Choice 2-4 1050-1300 lbs. 61.00-65.00; mixed Good & Choice 2-3 1000-1300 lbs. 55.00-60.00; Good 2-3 850-1050 lbs. 53.00-58.00.

COWS: Breaking Utility & Commercial 2-4 35.00-40.00, few high dressing individuals 40.00-42.00, Cutter & Boning Utility 1-3 33.00-37.00, Canner and low dressing Cutter 1-2 30.00-35.00.

BULLS: YG1 1100-2000 lbs. 45.00-49.00, high dressing 53.00-56.00; YG2 1000-1900 lbs. 42.00-48.00.

VEAL CALVES: Vealers and calves returned to farm unevenly steady.

VEALERS: Prime 150-350 lbs. 100.00-116.00; Choice 150-350 lbs. 75.00-100.00; high Good & low Choice 140-300 lbs. 60.00-80.00, 100-140 lbs. 43.00-55.00, 80-100 lbs. 40.00-45.00.

RETURNED TO FARM: Bulk 90-120 lb. holstein bulls 65.00-88.00, mostly around 85.00; few holstein heifers 100-120 lbs. 51.00-67.00.

Weekly Summary

Harrisburg, PA
Friday, December 13
Report supplied by PDA
15 Livestock Markets

CATTLE: 6463. Compared with 6192 head last week and 5711 head a year ago. Steers highly uneven; cows steady to 1.00 lower; spots 2.00 lower; heifers steady to 1.00 lower; bullocks no price comparison; bulls mostly 1.00-2.00 lower; High Choice & Prime No. 3-4, 64.00-69.00; Choice No. 2-4, 61.00-66.50; Good 52.00-60.75; Standard 46.00-55.00; Choice heifers 56.00-64.50; Good 50.00-58.00; Standard 42.00-52.00; Cows Breaking Utility & Commercial 34.00-37.00; Cutter & Boning 31.50-36.00; Canner & Cutter 27.00-33.50; shells 15.00; few Choice bullocks 57.00-60.50; Good 48.00-57.25; YG No. 1, 1000-1800 42.50-49.00; Grade No. 2, 900-1600 lb. 38.00-43.00.

FEEDER CATTLE: Med. No. 1 steers 550-700 lb. 50.00-62.00; Med. No. 1, 700-925 lb. 40.00-50.00; heifers Med. & Large No. 1, 300-800 lb. 38.00-48.00; Med. & Large No. 2, 400-700 lb. 28.00-37.00; bulls Med. No. 1, 300-600 lb. 44.00-46.50.

CALVES: 4502. Compared with 4232 head last week and 4258 head a year ago. Mostly steady to 5.00 lower; few Prime 98.00-116.00; Choice 73.00-96.00; Good 65.00-73.00; few Standard & Good 110-130 lb. 50.00-58.00; 90-110 lb. 40.00-51.00; 65-90 lb. 32.00-43.00.

FARM CALVES: Holstein bulls 90-130 lb. 40.00-108.00, mostly 65.00-90.00; few heifers 90-125 lb. 45.00-73.00.

HOGS: 6635. Compared with 4719 head last week and 6411 head a year ago. .50-1.00 higher; No. 1-2, 200-245 lb. 47.00-49.50; No. 2-3, 210-260 lb. 45.00-48.00; No. 2-4, 220-285 lb. 42.50-45.00; sows uneven; No. 1-3, 300-600 lb. 36.00-39.50; No. 2-3, 300-700 lb. 32.00-37.00; boars 29.00-33.75.

FEEDER PIGS: 1439. Compared with 699 head last week and 968 head a year ago. Steady to strong; No. 1-3, 20-35 lb. 18.00-30.00; 35-50 lb. 28.00-37.00; 50-85 lb. 35.00-45.00; all per head.

3 GRADED FEEDER PIG SALES: 2808. Compared with 1353 head last week and 2362 head a year ago. Very uneven; extremes 13.00 higher to 13.00 lower; No. 1-2, 20-30 lb. 90.00-150.00; 30-40 lb. 75.00-98.00; 40-50 lb. 60.00-92.00; 50-60 lb. 55.00-82.00; 60-80 lb. 56.00-75.00; No. 2-3, 35-50 lb. 59.00-85.00.

SHEEP: 1316. Compared with 824 head last week and 1605 head a year ago. Uneven; High Choice & Prime 75-115 lb. 70.00-76.00; Choice 75-110 lb. 62.00-70.00; Good 60-110 lb. 55.00-65.00; Good & Choice 55-80 lb. feeder lambs 58.00-73.00; sheep 15.00-35.00.

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TUESDAY
9:00 A.M. —Slaughter Hogs
1:00 P.M. —Feeder Pigs
WEDNESDAY
8:00 A.M. —Slaughter Hogs
10:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. —Veal Calves, Lambs
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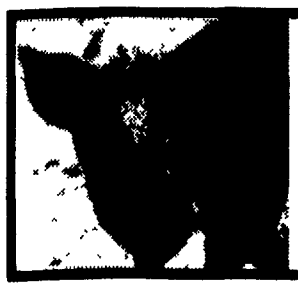


HOG MARKETS

Lancaster Hogs
Lancaster Stockyards
Monday, Dec. 9
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts 1.00-2.00 higher; sows steady.

BARROWS AND GILTS: US 1-2 210-250 lb. 48.50-49.50; US 1 Few 210-250 lb. 50.00-52.50; US 1-3 210-250 lb. 47.50-48.50; US 2-4 220-260 lb. 47.00-47.25.

SOWS: US 1-2 300-500 lb. 36.00-39.50; US 1-3 500-750 lb. 37.50-39.50.

Tuesday, Dec. 10

Today	154
Last Tuesday	116
Last Year	311

TREND: Limited sales of barrows and gilts steady with Monday.

BARROWS AND GILTS: US 1-3 210-250 lb. 47.50-48.50; US 2-3 250-260 lb. 47.00; US 3-4 lb. 260-280 lb. 42.00-44.00

Wednesday, Dec. 11

HOGS: Compared to Monday barrows and gilts 50 lower; sows steady.

BARROWS AND GILTS: US 1-2 210-250 lb. 48.50-49.00; US 1 Few 210-250 lb. 49.75-51.00; US 1-3 210-260 lb. 47.00-48.00.

SOWS: US 1-2 300-500 lb. 36.00-39.00.

New Holland Hogs
New Holland Sales Stables
Monday, Dec. 9
Report supplied by auction

Today	1514
Last Monday	1081
Last Year	1369

TREND: Compared to last Monday barrows and gilts under 250 lb. 2.00 higher, over 250 lb. weak.

BARROWS AND GILTS: US 1-2 210-250 lb. 48.75-49.50; US 1 210-250 lb. 50.00-51.50, One small lot 52.50; US 1-3 200-250 lb. 45.50-46.75; US 2-4 250-270 lb. 42.00-44.00.

Lancaster Hogs
Lancaster Stockyards
Saturday, Dec. 7
Report supplied by auction

200 head.

US No. 1, 215-240 lbs., 57.00-52.75, few 53.00-53.25. US No. 1-2 215-250 lbs., 49.00-50.50; 1-3 220-250 lbs., 48.00-49.00; 2-4 210-255 lbs., 47.00-48.00.

SOWS: 300-500 lbs., 36.00-40.00; 500-up lbs., 39.00-40.25.

BOARS: 34.50-35.75.

Indianapolis Hogs
Thursday, Dec. 12
Report supplied by USDA

700 - Barrows & gilts moderately active, 25 to mostly 50 lower.

US 1-3 226-260 lb. 47.00-47.50, 35 head 47.75; US 2-3 300 lb. 42.50.

SOWS: Active, steady to 1.00 higher. (7%); US 1-3 370-570 lb. 35.50-38.00.

BOARS: Few 250-400 lb. 32.00-33.00.

St. Louis Hogs
Thursday, Dec. 12
Report supplied by USDA

4000 - Barrows & gilts slow, 25 lower.

US 1-3 210-260 lb. 47.25-47.50, bulk 47.50; US 2-3 260-270 lb. 46.50 to mostly 47.00; 270-290 lb. 45.25-46.25.

SOWS: Under 450 lb. steady-50 lower; over 450 lb. 2.00 lower. (About 7%). US 1-2 300-450 lb. 37.00-37.50; over 450 lb. 37.00.

BOARS: Over 300 lb. 36.25; under 300 lb. 36.00-37.00.

Peoria Hogs
Thursday, Dec. 12
Report supplied by USDA

2200 - Barrows & gilts fairly active, steady to 25 lower.

US 1-2 200-240 lb. 47.00-47.50, about 100 head 47.75; US 1-3 200-250 lb. 46.50-47.00.

SOWS: Under 500 lb. steady-50 lower; over 500 lb. mostly unsold, few sales 1.50 lower. (13%). US 1-2 350-500 lb. 36.50; US 1-3 Few 500-650 lb. 37.00-37.50.

Lancaster Feeder Pigs
Tuesday, Dec. 10
Report supplied by USDA

Today	487
Last Tuesday	554
Last Year	589

TREND: Compared to last Tuesday feeder pigs under 50 lb. unevenly steady, over 50 lb. 5.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 19 head 30-39 lbs. 77.00; 126 head 40-49 lbs. 70.00-86.00; 151 head 50-59 lbs. 70.00-82.00; 76 head 60-80 lbs. 67.00-70.00.

US 2-3: 30 head 40-49 lbs. 59.00-70.00.

New Holland Feeder Pigs
New Holland, Pa.
Wednesday, Dec. 11
Report supplied by Auction

Today	941
Last Wednesday	767
Last Year	646

Trend: Compared to last Wednesday US 1-2 feeder pigs under 50 lb. 15.00 higher, balance of pigs steady. All pigs weighed on arrival and sold by the hundred weight.

US 1-2 35 head 20-29 lbs. 134.00-150.00; 120 head 30-39 lbs. 90.00-114.00; 384 head 40-59 lbs. 60.00-92.00; 59 head 60-69 lbs. 70.00-75.00; 81 head 70-79 lbs. 60.00-74.00; 38 head 80-115 lbs. 60.00-70.00.

US 2-3: 41 head 20-39 lbs. 85.00-90.00; 36 head 40-49 lbs. 66.00-74.00; 65 head 50-59 lbs. 61.00-62.00.

Peoria Cattle
Thursday, Dec. 12
Report Supplied by USDA

Trading slow to moderate on moderate supply. Demand light to moderate from most buying interests. Overall quality declined from the previous week. Live prices decline in reaction to lower wholesale beef price late last week and early this week. Slaughter steers closed 2.00 to 2.50 lower; heifers 2.50 to 3.00 lower. Cows mostly 3.00-3.50 lower. Bulls closed weak to 2.00 lower. Supply mainly good to average choice slaughter steers and heifers with 14% cows. Estimated receipts 2200 compared with 1936 a week ago and 1906 a year ago.

SLAUGHTER STEERS: Choice, few prime 3-4 1250-1330 lbs. 63.50-64.50. Choice 2-4, mostly 3 1050-1250 lbs. 62.00-65.00, mostly 63.50-64.50; 1000-1050 lbs. 62.50-64.00. Mixed good and choice 2-3 1000-1200 lbs. 60.50-63.50. Good 2-3 900-1050 lbs. 58.00-62.00. Good, few choice 2-3 Holsteins 1215-1355 lbs. 52.00-55.50.

SLAUGHTER HEIFERS: Choice 2-4, mostly 3 950-1150 lbs. 60.50-63.00, mostly 61.50-63.00; 900-950 lbs. 60.00-62.00. Mixed good and choice 2-3 900-1100 lbs. 58.00-61.50. Good 2-3 800-950 lbs. 57.50-61.00.

COWS: Cutter and boning utility 1-2 29.00-32.00, few high dressing 32.00-40.00. Canner and low cutter 25.00-29.00.

BULLS: YG 1-2 1500-2120 lbs. 40.00-43.00; 1250-1500 lbs. 38.00-41.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

	CATTLE	CALVES	HOGS	SHEEP
Week To Date (Est.)	505,000	53,000	1,219,000	94,000
Same Pd. Lt. Wk. (Est.)	495,000	50,000	1,240,000	100,000
Same Pd. Lt. Yr. (Act)	549,000	51,000	1,327,000	106,000

Chicago Grain Futures

(Closing Bids as of Thursday, Dec. 12)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
Nov.				
Dec.	2.46¾	3.47		143.20
Jan.'86			5.25	143.50
Mar.'86	2.47	3.45¼	5.36¼	145.20
May '86	2.50¼	3.21½	5.47¾	146.60
July '86	2.49¾	2.89¼	5.52½	147.70
Aug. '86			5.50	148.20
Sept. '86	2.36¼	2.89¾	5.28	144.00
Nov. '86			5.24½	
Dec. '86	2.29	3.01		141.50
Jan. '86			5.33½	

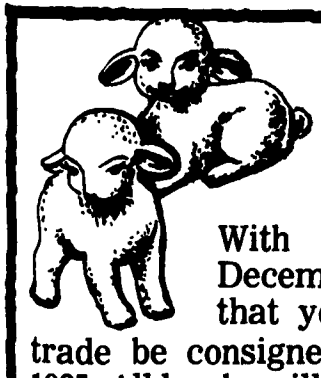
Trends - Corn - stronger; Soybeans - stronger; Wheat - stronger; Soybean Meal - stronger.

Futures Trading

(Closing Bids as of Thursday, Dec. 12)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
Nov.			
Dec.	65.82	48.97	
Feb. 86'	62.17	47.30	
Apr. 86'	61.10	42.40	
May 86'			2.38
June 86'	61.62	44.62	
July 86'		44.62	
Aug. 86'	60.20	43.65	
Oct. 86'	58.95	40.15	
Nov. '86			3.43

Trends - Cattle - stronger; Hogs - stronger.



LAMB CONSIGNORS

An Important Notice

With Christmas on Wednesday, December 25, 1985, we recommend that your lambs for the Christmas trade be consigned on Monday, December 16, 1985. All lambs will be sold at auction beginning at 10:00 A.M. and will be sorted and weighed upon arrival.

KEEP IN MIND this Monday for consigning your lambs - December 16, 1985 - and your consignments are respectfully solicited. Sorting and weighing will begin at 5:00 A.M.

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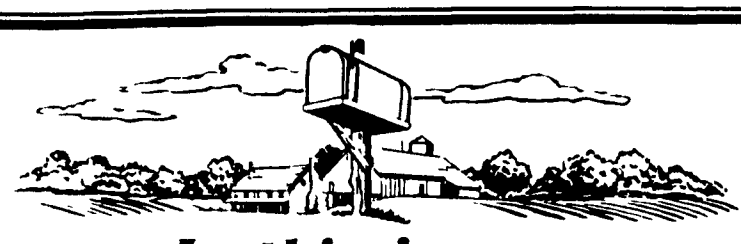

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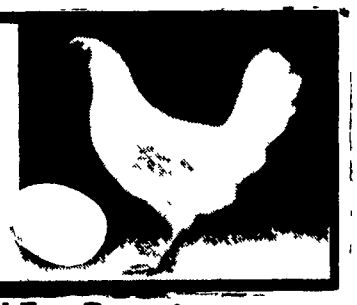
POULTRY MARKETS



N.E. Weekly Shell Egg Report

Tuesday, Dec. 10
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
N. HAMP.	.88-.92	.86-.90	.78-.82	.53-.57
Mostly	.90-.91	.88-.89	.80-.81	.55-.56
R.I.	.90-.95	.88-.93	.80-.85	.51-.56
Mostly	.90-.91	.88-.90	.80-.81	.51-.52
VERMONT	.95-1.00	.89-.98	.77-.92	
Mostly	1.00	.98	.90	
MAINE	.95-1.02	.93-1.00	.85-.92	.56-.67.

X Includes Central and Western Sections only.

Weekly New York Egg Market National Quotes

From Friday, Dec. 6 to Thursday, Dec. 12

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.79	.79	.79	.79	.78
Ex. Large	.78	.78	.78	.78	.77
Large	.78	.78	.78	.78	.78
Medium	.72	.72	.72	.72	.72
Pullets	.52	.52	.52	.52	.52
Off Grade	.65	.65	.65	.65	.65
BROWN					
Jumbo	—	—	—	—	—
Ex. Large	.91	.91	.91	.91	.91
Large	.88	.88	.88	.88	.88
Mediums	.73	.73	.73	.73	.73
Pullets Unquoted					
Peewees Unquoted					
Off Grade					
Undergrades	.35	.35	.35	.35	.34
Checks	.33	.33	.33	.33	.32

Northeast Breaking Stocks

Friday 41.00-44.00; Thursday 40.00-43.00.

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Delmarva Poultry

Thursday, Dec. 12
Report supplied by USDA

Market Comment: Demand for ready to cook whole birds was irregular but generally no better than fair. Offerings were at least adequate though tight on the lighter weight sizes. Inquiry for parts reflected some advanced interest in cutlets and leg quarters but immediate type needs were on the light side.

Live supplies were fully adequate to occasionally ample. Weights were mixed but often heavier than desired. Slaughter schedules were moderately heavy. The undertone was barely steady.

Today's L.T.L. asking prices were unchanged on U.S. Grade A at .48-.55 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 12/12 1,995,000; Actual 12/5 1,875,000.

Actual 12/10 1,923,000; Average Weights 12/10 4.37; Avg. Wghts 12/3 4.41.

Philadelphia Eggs

Thursday, Dec. 12
Report supplied by USDA

Market Comment: Prices were unchanged. Trade sentiment barely steady, cartoned egg demand irregular but disappointing overall. Graded supplies of all sizes generally noted as at least adequate or available. Retail promotional activity is light; however, some nearby production was noted as moving outside the area, mainly for retail ads at 65-69 cents. Ungraded supplies were noted as adequate at most points with buyer interest centered on lightweight class one and heavy weight class two's.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .75-.79; A Large .74-.78; A Medium .67-.70½.

New York Multiple Drop Broiler Report

Thursday, Dec. 12
Report supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range: U.S. Grade A .48-.55.

Weighted AVG.: U.S. Grade A 52.83.

Premium (X) Boxes 10,179.

(X) Includes special services, selected competitive brands, etc.

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- Automatically grinds, mixes & delivers feed
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- Capable of keeping feed bins filled with proper ration
- Modular design for easy adaptability
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- Available in 1 & 2 ton sizes

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Eastern Pa. & N.J. Poultry

Wednesday, Dec. 11
Report supplied by USDA

Market Comment: Prices trended as much as four cents lower. Producer offerings increased sharply and were ample for the buying interest. Demand for the further processed meats was improving somewhat at the lower price levels which were more competitive with other types of poultry.

Prices Paid at Farm:
Light Type Hens: .13-.14.
F.O.B. Plant: .16-.18.

Lebanon Valley Livestock

Lebanon, Pa.
Tuesday, December 10
Report Supplied by PDA

CATTLE 228: Compared with last Tuesday's market, slaughter cows 75 cents to $1.75 lower...Choice 1140-1250 lbs. steers 57.25-62.75, Good 50.00-57, few Standard 39-44.50; few Choice holsteins 54.00-55, few Good 45-50.50. Couple Choice slaughter heifers 57.10&62.50, few Good 48.25-55.75, few Standard 37-44.75...Breaking Utility & Commercial slaughter cows 34.50-37.85, couple to 39.50, Cutter & Boning Utility 33.50-36, Canner & Low Cutter 28.75-33, Shells down to 23...Individual Choice slaughter bullock at 53.50, one Good at 49.75...Yield Grade No. 1 1215-2000 lbs. slaughter bulls 49-49.60.

FEEDER CATTLE: Few Medium Frame #1 385-925 lbs. steers 40.00-49.00.

CALVES 260...Few Choice vealers 65.00-84, few Good 55.00-62, Standard and Good 70-100 lbs. 42.00-48, Utility 55-80 lbs. 30.00-43...FARM CALVES: Holstein Bulls 90-130 lbs. 55.00-96, mostly 68.00-90; Holstein Heifers 90-120 lbs. 49.00-73.00.

HOGS 238...BARROWS AND GILTS $1 TO $2 HIGHER...US No. 1-2 210-250 lbs. barrows and gilts 49.50-49.85, No. 1-3 215-255 lbs. 47.60-49.25...US No. 1-3 330-640 lbs. sows 35.00-38, few to 39.00...Boars 29-31.50.

FEEDER PIGS 7...Not enough of any one grade to establish a market.

SHEEP 8...Few Choice 90-105 lbs. wooled slaughter lambs 62.00-65, few Good 70-130 lbs. 57.00-59.00.

Oklahoma City

Tuesday, Dec. 10
Report supplied by USDA
Estimated Receipts: 12,000

Feeder steers and heifers steady to 2.00 lower, afternoon trade 1.00-2.00 lower. Demand light. Freezing rain taking a toll on outlets; causing problems with the care and movement of livestock. Bulk supply medium frame 1 and mixed 1-2 500-850# steers and 450-725# heifers; lighter weights offered in limited numbers.

FEEDER STEERS: Medium and large frame 1 400-500# 64.50-70.00; 500-600# 62.50-66.10; 600-700# 60.10-65.60 mostly 60.10-63.20; 700-800# 59.10-63.00, lot 725# 63.40 early; 800-900# 57.75-61.00; couple lots 945-965# 57.30-58.20.

Medium and large frame mixed 1-2 350-500# 60.25-66.50; few 525-550# 63.40-65.00; 600-700# 59.00-63.00, consignment 655# thin 63.30, 660# fleshy 58.00; 700-800# 57.50-62.00.

Medium and large frame 2 375-775# 53.00-59.00.

Large frame 2 holsteins 530# 46.10; 685-795# 47.80-47.90; 855# 46.75.

FEEDER HEIFERS: Medium frame 1 400-500# 56.25-59.00; 500-600# 55.25-59.00; 600-725# 55.90-58.00, mostly 56.25-57.10; two lots 765-810# 53.10-53.25.

Medium and large frame mixed 1-2 few 350-425 lb. 54.00-57.00; 500-600# 53.50-57.50; few 600-700# 54.75-56.25; few 700-800# 49.75-54.80.

Medium and large frame 2 500-600# 51.00-53.80.

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1) correct profitability problems,
2) plan necessary cash requirements,
3) analyze feasibility of equipment purchases and
4) develop future operating plans.

PROGRAM GUIDELINES

In order to insure the financial soundness of our dairy customers, Pennfield is establishing a program to promote timely and accurate dairy profit management. To participate in Pennfield's Dairy Profit Program, the dairyman needs the following:

1) An approved farm financial records program;
2) The records program must have the operation set up by enterprise. i/e. 1) cropping, 2) dairy, 3) poultry;
3) The records program must furnish accurate monthly reports for each enterprise.

PENNFIELD PAYS

For approved customers participating in the Pennfield Dairy Profit Program, Pennfield will help the dairyman pay for his 1986 farm financial records program. Payment will be based as follows:

$1.00 per ton of complete feed purchased

$3.00 per ton of concentrate purchased

up to 50% off the total bill, but not to exceed $300.00

THIS PROGRAM IS EFFECTIVE FOR THE 1986 CALENDAR YEAR!

For More Information - Call Toll Free

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1-800-732-0467

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Quality - Performance - Service

Frederick Co. Hay

Buckeystown, Md.
Thursday, Dec. 12
Report supplied by auction

44 loads.

Alfalfa, 11 good, 85.00-122.50, 9 fair, 69.00-82.50; Timothy 5 loads good, 80.00-102.50, 1 fair, 50.00.

Mixed Hay, 9 loads, 67.50-85.00, Straw, 4 at 86.00-105.00; Wood, 4 loads, 76.00-84.00; Oats, 2.05 bu.

King's Hay

Kirkwood, Pa.
Tuesday, Dec. 10
Report supplied by auction

Alfalfa 55.00-112.00, alfafa mixed 75.00-101.00, timothy & timothy mixed 58.00-97.00 one load at 47.00, clover & clover mixed 58.00-72.00, wheat straw 86.00-88.00, oat straw 65.00, one pickup load of 45 bales 41.00.

Carroll Co. Hay

Carroll Co., Md.
Tuesday, Dec. 10
Report supplied by auction

15 loads.

Alfalfa, v. gd. 91.00-92.00, 2.25 bale, good 67.50-80.00; Timothy, up to 81.00; Mixed Hay, 69.00-71.00; Timothy & Clover, up to 96.00; Wheat Straw, 1.70 bale.

Oat Straw, 1.75 bale; Wood, 68.00-69.00 cord.

New Holland Hay

New Holland Sales Stables
Monday, Dec. 9
Report supplied by auction

229 loads.

Alfalfa, 50.00-150.00; Mixed Hay, 57.00-90.00, 1 at 123.00; Timothy, 35.00-110.00; Clover, 54.00-76.00; Grass, 76.00-88.00; Straw, 59.00-85.00; Ear Corn old, 72.00-76.00; new, 62.00-67.00.

Stubble Hay, 52.00; Corn Fodder, 48.00; Oats, 1.20-1.90 bu.; Wood, 190.00 load.

Keisters Livestock

Middleburg, Pa.
Tuesday, Dec. 3, 1985

17 Loads Hay & 4 Loads Straw.

Alfalfa 2 loads at 90.00; Mixed Hay 52.50-82.50; Mulch 2 loads 42.50 & 47.50; Straw 60.00-77.00; Oats 2 loads 1.30 & 1.35 per bushel.

Leinbach Farm Market

Shippensburg, Pa.
Tuesday, Nov. 30 & Dec. 3, 1985

18 Loads Hay, 4 Loads Straw & 3 Ear Corn.

Alfalfa 55.00-117.50; Mixed Hay 45.00-81.00; Timothy Hay 60.00-71.00; Straw 60.00-81.00; Ear Corn 76.00 & 80.00.

Pa. Grain

Monday, Dec. 9
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central, Pa. Corn and wheat steady to 15 cents higher. Barley and oats steady to strong; Soybeans steady to 10 cents higher. New Ear Corn steady to $5.00 higher.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pennsylvania

Corn No. 2-y range 2.30-2.65, average 2.49, New Crop* 2.16-2.38; @Wheat No. 2 range 2.90-3.45, few reported 3.59, average 3.21, New Crop* 1.00-1.75; Barley No. 3 range 1.40-1.65, few reported 1.80, average 1.59; New Crop* 1.00-1.75; Oats No. 2 range .90-1.30, average 1.07, New Crop* .80; Soybeans No. 1 range 4.70-4.88, average 4.79, New Crop* 4.55; *Gr. Sorghum #2 range 2.10, average 2.10; #New Ear Corn range 50.00-64.00, average 57.09.

Central Pennsylvania

Corn No. 2-y range 2.15-2.40, few reported 2.50, average 2.30; @Wheat No. 2 range 2.70-3.10, average 2.81; Barley No. 3 range 1.45-1.65, average 1.55; Oats No. 2 range .95-1.10; average 1.03; Soybeans No. 1 range 4.50-4.60; average 4.57; *+Buckwheat range 8.00, average 8.00; #New Ear Corn range 40.00-55.00, average 48.00.

South Central Pennsylvania

Corn No. 1-y range 2.20-2.30, few reported 2.45, average 2.26; @Wheat No. 2 range 2.50-2.90, average 2.64; Barley No. 3 range 1.50-1.80, average 1.60; Oats No. 2 range .95-1.10, few reported 1.30, average 1.06; #New Ear Corn range 45.00-60.00, average 51.25.

Western Pennsylvania

Corn No. 1-y range 2.10-2.40, average 2.24; @Wheat No. 2 range 2.50-3.25, average 2.80; Oats No. 2 range .95-1.20, average 1.05; #New Ear Corn range few reported 52.00, average 52.00.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.20-2.60, average 2.38; @Wheat No. 2 range 2.70-3.45, average 2.94; Barley No. 3 range 1.45-1.80, average 1.58; Oats No. 2 range .95-1.30, average 1.05; Soybeans No. 1 4.50-4.88, average 4.71; *New Ear Corn range 43.00-61.00, average 52.85.

Green Dragon Hay

Friday, Dec. 6
Report supplied by PDA

59 Loads Hay, 21 Loads Straw & 10 Ear Corn.

Alfalfa 69.00-100.00; Mixed Hay 51-128.00, mostly 69-100.00; Timothy Hay 75-125.00, mostly 89-106.00; Clover 2 loads 62.00 and 76.00; Orchard Grass one load 92.00; Straw 62.00-92.00; Ear Corn 64.00-75.00, one load 49.00; Corn Fodder one load 37.00; Oats one load 1.75 per bushel.

Good's Auction

Leola, Pa.
Wednesday, Dec. 4, 1985

55 Loads Hay, 17 Loads Straw & 4 Ear Corn.

Alfalfa 64.00-87.00, few to 128.00; Mixed Hay 49.00-122.50, mostly 64.00-89.00; Timothy Hay 73.00-87.00; Clover one load 62.00; Stubble Hay one load 63.00; Straw 60.00-79.00; Ear Corn 66.00-77.00; Corn Fodder 2 loads 39.00 & 61.00; Oats one load 1.35 per bushel.

New Wilmington Livestock

N. Wilm., Pa.
Friday, Dec. 6, 1985

42 Loads Hay, 3 Loads Straw, 5 Ear Corn.

Alfalfa 75.00-112.50; Mixed Hay 50.00-77.50, one load 44.00; Timothy Hay few 55.00-72.50; Clover 2 loads 71.00 & 85.00; Straw 48.00-80.00; Ear Corn 62.50-80.00; Oats 6 loads 1.27-2.05 mostly 1.45-1.55 per bushel.

New Holland Sales Stables

New Holland, Pa.
Monday, Dec. 2

64 Loads Hay, 23 Loads Straw & 4 Ear Corn.

Alfalfa 64.00-91.00, few to 172.50; Mixed Hay 53.00-101.00; Timothy Hay 79.00-87.00, one load 59.00; Clover One load 75.00; Grass few 62.00-71.00; Straw 61-110.00, mostly 70.00-91.00; Ear Corn 64.00-69.00, one load 52.00; Oats 2 loads 1.65 & 2.05 per bushel.

Jersey Shore, Pa.

Thursday, December 5
Report Supplied by Auction

Return to Farm Calf 58.00-85.00.
Good Veal 55.00-64.00.
Common Veal 38.00-52.00.
Choice Steers 60.00-64.50.
Good Steers 55.00-59.00.
Common Steers 44.00-54.00.
Commercial Cows 34.00-39.00.
Canners-Cutters 33.00-40.00.
Shells 28.00-32.00.
Good Heifers 49.00-55.00.
Common Heifers 38.00-48.00.
Good Feeders 54.00-59.00.
Common Feeders 28.00-53.00.
Bulls 38.00-55.00.
Good Hogs 46.00-47.25.
Heavies 46.00-47.00.
Lambs 58.00.
Eggs 65.00-76.00.

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified

10:00 AM

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna
The Action Auction
717-354-4341
Mgr. - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865

WEDNESDAY FEEDER PIG SALE 1:30 P.M.

We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY

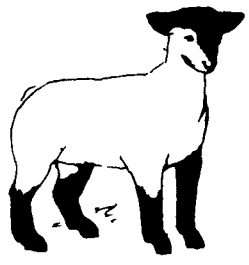
11:00 AM

BULLS -

STEERS - BEEF COWS

3:30 P.M.

CALVES



SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Carlisle Livestock

Carlisle, Pa.
Tuesday, Dec. 10
Report supplied by auction

CATTLE: (311 hd.) Steers: Good 55.25-56.00, Good Holsteins 46.00-49.85, Medium 47.75-54.25, Medium Holsteins 39.00-45.00. Heifers: Medium-Good 40.75-50.00, Couple Utility 31.25-39.25. Cows: Mostly Steady. High Yield 37.00-38.00 couple to 40.25, Good 35.00-36.75, Medium 33.00-34.75, Big Middle 31.50-36.50, Shelly 31.00-down. FAT Bulls: Steady to .50 higher. Good 46.50-48.75, Medium 40.50-44.75.

FEEDER CATTLE (109 hd.) Good 56.00-59.50, Medium 50.00-54.00. Steers (600-850 lb.) Good to Choice 57.00-61.50, Medium Holsteins 41.50-44.00. Heifers (all weights) Choice 51.50-56.00, Good 43.00-49.00, Medium 37.00-42.50. Bulls (all weights) Choice 54.00-57.00, Good 49.00-53.00, few Medium 37.00-46.00.

VEAL CALVES (241 hd.) Choice 80.00-95.00, Good 65.00-79.00, Medium 55.00-64.00, Light 45.00-54.00, few weak 44.00-down, Farm Bulls 80.00-99.00.

HOGS: Barrows & Gilts (1038 hd.) (US No. 1-3) 210-250 lbs. 45.50-48.60, over 260 lb. 43.00-47.00, Under 200 41.50-42.00, 2 & 3's 41.00-42.75.

SOWS: 2.00 lower than last week. Over 450 lb. 36.00-38.00 under 450 36.00-37.50, 2 & 3's 32.00-35.50, (18 hd.) Boars: Heavy 30.50-31.75, Light to 39.00.

FEEDER PIGS (by the hd.) (241 hd.) (15-25 lbs. 12.00-19.00) (30-40 lbs. 22.00-30.00) (45-60 lbs. 34.00-45.00).

SHEEP (55 hd.) Lambs: (Light 30 to 55 lbs. 78.00-94.00) Choice 65.00-72.00, Good 61.00-64.00, EWES 22.00-31.00 lb. Goats: (Lg.) 40.00-58.00, (hd) Sm./Med. 15.00-37.50, (hd) No Sale Christmas Eve; There will be a sale New Year's Eve.

Westminster Livestock Auction

Hagerstown, Md.
Monday, Dec. 3
Report supplied by auction

SLAUGHTER COWS: COWS- Good Run $2.00 Lower. Utility 34.00-38.50; Canners 30.00-34.00; Shelly 30.00-Down. Bulls- Good 1,200-1,800 lb. 43.50-46.00; Medium 1,000-1,400 lb. 39.00-42.00. Fed Steers- No Choice Offered Good To 58.00; Good Holstein Cross 45.00-48.00. Fed Heifers- 1 Choice At 60.25; Good To Low Choice 54.00-57.75. Veal Calves.- Good & Choice 140-220 lb. 69.00-73.00; Killers- 4.00 Lower. 80-110 lb. 45.00-51.00; Weak/Rough 40.00-Down; Farm Calves Holstein Bulls 100-125 lb. 80.00-96.00; 90-100 lb. 52.00-75.00. Butcher Hogs.- 1.00 Higher; US #1&3 215-240 lb. 45.25-45.50; 1 Lot 251 lb. at 45.75. Sows- 500-650 lb. 38.50-39.50; 300-500 lb. 33.00-36.50.

STOCK CATTLE- 100 Hd. 300-700 lb. Good To Choice 50.00-60.00; Medium 45.00-50.00; 700-900 lb. Good 52.00-57.00; Medium 45.00-47.00. Heifers- 300-600 lb. Choice 46.00-50.00; Good 41.00-45.00; Medium 36.00-40.00. Bulls- 300-500 lb. Good To Choice 52.00-61.00; Medium 40.00-50.00; 500-700 lb. Few Good 47.00-53.00. Lambs- 50 Hd. Steady. 90-115 lb. 62.00-66.00; Good To Choice 60-100 lb. 57.00-61.00. Sheep- 10 Hd. 19.00-26.00; Goats- 20 Hd. Large To 56.00; Medium 30.00-45.00; Small 15.00-30.00. Pigs & Shoats 210 Hd. 5.00-8.00 Under Last Week's Price 15-25 lb. 10.00-13.00; 30-50 lb. 15.00-24.00; 50-70 lb. 24.00-29.00; By The Lb. 100-170 lb. 35.00-36.50; 70-80 lb. 39.00-42.00.

HAY 14 LOADS - Alfalfa $93-50, Timothy $74-78, Timothy Clover $78-85, Clover $62, Wheat Straw $60, Oat Straw 90 cents a bale, Wood $50 a Cord.

FRIDAY, DEC. 20
ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly Every 4 Weeks at 1:00 P.M.

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left. Watch for sale arrows.

50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.

Vaccinated for Lepto, Erysiplas, Rhinitis, E'Coli, Pasteuerella

Hand mated with Breeding Dates

Local Trucker Available
No Hogs Sold On Commission

CHRIST A. BEILER
R.D. 2, Quarryville, Pa
JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa

Abe Diffenbach, Auctioneer AU225L

NEXT SALE DATE JAN. 17

ATTENTION FARMERS

EVERY MONDAY
HATFIELD PACKING CO. and MOYER PACKING CO.
Will Receive Your Hogs and Cattle at the
DANVILLE LIVESTOCK MARKET
RD 4, Danville, PA

- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
- We will also accept your sows & boars.
- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

Green Dragon Livestock Sales

Location: Ephrata RD 4. 1 mile N. on North State St., Ephrata.

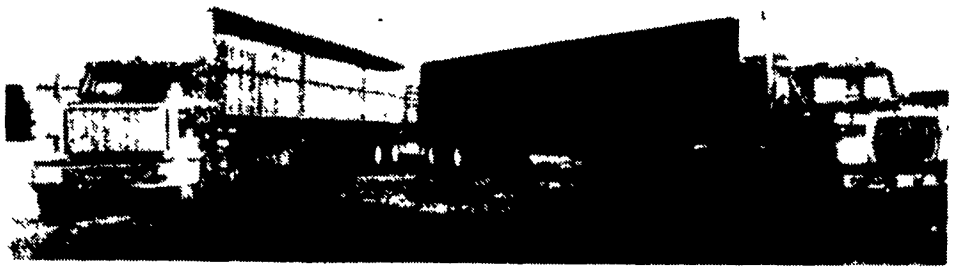
COWS COWS COWS
SALE EVERY FRIDAY
Lots of good Northern Feeder & Stockers. Slaughter Cows - Bull Steer, Veal-lamb.
11:00 A.M.-Beef Sale 200-300 each week.
1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.
For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.
WALTER H. RISSER, Proprietor
All out of state and new buyers must have cash or certified check or current letter of credit from bank.

Coming...
CUSTOMER APPRECIATION DAYS at KEY-AID DISTRIBUTORS
225 Wood Corner Rd.
Lititz, Pa. 17543
Watch Next Week's Issue For Details

HAY & STRAW SALE
12:00 Noon
Every Wednesday
Westend of Avondale at the intersection of Baltimore Pike and Route 41.
Harvey Z. Martin
215-268-3604 (Office)
215-445-5303 (Residence)

KING'S AUCTION, KIRKWOOD
Hay, Straw and Grain Auction
EVERY TUESDAY
12:00
Located Rt 472 5 miles south of Quarryville or 6 miles north of Oxford at Shaub's Auction House
Lloyd H Kreider, Auctioneer
AU-000513L
No out of state checks
ALL TRUCKERS AND FARMERS WELCOME

"WANTED" LEGHORN FOWL



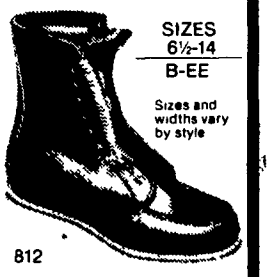
NEW SANITIZED CAGE CART SYSTEMS OR COOPS

Call Richard Sechler, Tom Feger, Nelson Legge for quotations

PA Watts # 800-342-2249 or call collect 215-488-7617

SECHLER'S POULTRY, INC.
Box G, Strausstown, PA 19559

WORK IN WARMTH!



SIZES 6½-14 B-EE
Sizes and widths vary by style
812
INSULATION KEEPS COLD OUT WARMTH IN!
You've earned your Wings!
Red Wings
BOOKS SHOE SERVICE
107 E STATE ST
QUARRYVILLE, PA 17566
717-786-2795
CLOSED WEDNESDAYS

THE OLD FARMER'S ALMANAC

DEC. 16-22, 1985

As the days lengthen the cold will strengthen.

Keep houseplants away from drafty windows Average length of days for the week, 9 hours, 5 minutes First quarter of the moon, Dec 18 (Wed) Baseball star Ty Cobb born Dec 18, 1886 Charles Dickens' *A Christmas Carol* first published Dec 17, 1843 First electric lights lit on Broadway (NYC), Dec 20, 1880 *If fools went not to market, bad wares would not be sold*

Ask the Old Farmer: My father used to say that he could tell whether a rough winter was in store by the condition of the beets in his garden He would recite a little ditty, which I can't remember Can you help? FE, Pontiac, Mich

We remember one about onions, nothing about beets It goes, "Onion skin is very thin, mild winter is coming in Onion skin is thick and tough, winter will be cold and rough"

Home Hints: Use vinegar instead of turpentine for keeping paint brushes pliable

OLD FARMER'S WEATHER FORECAST

New England: Week begins with snowstorm, mid through end of week clearing and cold

Greater New York-New Jersey: Flurries, cold at week's beginning, mid through end of week cloudy and cold

Middle Atlantic Coastal: Rain, snow mountains at week's beginning, midweek cold, snowy and continued cold through week's end

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Central U.S. Carlot

Beef Report
Wednesday, Dec. 11
Report supplied by USDA

Central U.S. Carlot Beef Report Includes The Major Production Areas In The Midwest, Texas, And Oklahoma. As Of 4:00 P.M.

Compared to Tuesday's 4:00 P.M. report, choice 3 steer carcasses steady, choice 3 heifers $1.00 lower. Good steers and heifers steady, with yield grade 4's not fully established. Holstein type steers 50 cents lower. Demand light. Trading light. Trading light to moderate, turning light by mid-afternoon. Supplies moderate.

The gross boxed beef cutout value declined $.73 to an estimated $101.98 per cwt, 231 loads boxed cuts reported.

Sales reported on 31 loads of steer and heifer carcasses.

Steer Beef
11½ Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 100.00, steady.
Choice 4 600-900 lbs. 92.00.
Good 2-3 600-900 lbs. 95.00, steady.
Choice 2-3 600-900 lbs. 89.50 (Hols Type), .50 lower.
Good 2-3 600-900 lbs. 84.50 (Hols Type), .50 lower.

Heifer Beef
19½ Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 98.00, 1.00 lower.
Choice 3 500-550 lbs. 96.00-97.00, mostly steady.
Choice 3 400-500 lbs. 94.00-95.00, mostly steady.
Choice 4 500-700 lbs. 92.00.
Good 2-3 550-700 lbs. 91.00, steady.
Gd 2 & Lo 3 600-700 lbs. 93.00.

Steer & Heifer
Primal Cuts
FOB Omaha Basis
6 Loads

Hinds 145-190 lbs. 112.00.
Hinds 120-170 lbs. 109.00-111.00.

Cow Beef
19 Loads

Midwest: Prices steady to 50 cents lower on moderate supplies

Eastern Texas and Oklahoma: Not well established. Few sales steady to $2.00 lower.

Sales in the Midwest Production Area:

FOB Omaha Basis

Brk Utility 2-3 450/up lbs. 57.00-57.50.
Bng Utility 1-3 400/up lbs. 60.50.
Cutter 1-2 350/up lbs. 65.00-66.00.
Cutter 1-2 400/up lbs. 66.25.

Sales in Eastern Texas and Oklahoma Production Areas:

Bng Utlty 1-3 400/up lbs. FOB Plant 64.00-65.00.
Cutter 1-2 350/up lbs. FOB Plant 67.00-69.00.

Boneless Processing Beef/ Beef Trimmings
104 Loads
FOB Omaha Basis

90% Chem Lean Fresh 93.00-96.00, mostly 94.00-95.00.
85% Chem Lean Fresh 89.00.
75% Chem Lean Fresh 77.00-77.50.
50% Chem Lean Fresh 46.00-48.00, bulk 46.00.

Eastern Texas and Oklahoma Production Areas

90% Chem Lean Fresh 96.50-97.00, bulk 97.00.
90% Chem Lean Frozen 100.50.
85% Chem Lean Fresh 91.00.
75% Chem Lean Frozen 80.00.
50% Chem Lean Fresh 47.00.

Bull Carcasses
2 Loads

Bull 1-2 600/up lbs. FOB Omaha 74.00.

Central U.S. Carlot

Pork Report
Wednesday, Dec. 11
Report supplied by USDA

Compared to Tuesday's 4:00 P.M. report Fresh Pork Loins 14-18 lbs. steady to $2.00 lower, 22 up lbs. steady to 50 cents lower; Picnics 4-8 lbs. firm; Boston butts 4-8 lbs. $2.00-5.00 higher; Skinned hams uneven, 17-20 lbs. $3.00-4.00 lower, 20-26 lbs. steady to 50 cents higher; sdls bellies steady to firm. Trade and offerings moderate for light to moderate demand.

U.S. No. 2 175 lb. pork carcass cutout value declined $.52 to $62.10 per cwt.

Sales reported on 40 loads fresh pork cuts and 5 loads of trimmings and boneless processing pork.

Fresh Pork Cuts

LOINS, REGULAR: 8 lds. 14-18 lbs. 90.00-94.00 bulk, steady-2.00 lower, 92.00-94.00.
3 lds. 22 & up lbs. 82.00, steady-50 lower.
PICNICS: 1 ld. 4-8 lbs. 48.00, firm.
BOSTON BUTTS: 2 lds. 4-8 lbs. 68.00-71.00, 2.00-5.00 higher.
2 lds. 4-8 lbs. 73.00-75.00, shipped, Dec. 17 & 18.
1 ld. 4-8 lbs. 73.00, frozen.
SKINNED HAMS: 4 lds. 17-20 lbs. 70.00-72.00, 3.00-4.00 lower.
5 lds. 17-20 lbs. 69.00, ld 68.00 froz., no comparison.
7 lds. 20-26 lbs. 69.50-70.00, steady-50 higher.
BELLIES (Sdls, Skin On):
1 ld. 12-14 lbs. 58.00-58.50, steady to firm.
1 ld. 14-16 lbs. 58.00-58.50, steady.
2½ lds. 16-18 lbs. 56.00, steady.
½ lds. 18-20 lbs. 49.00.

Pork Trimmings/Boneless Processing Pork (Chemical Lean)

1½ lds. 42% Lean Trmgs Fresh 30.00, steady-1.00 higher.
1 ld. 72% Lean Trmgs Fresh 70.00.
2 lds. 72% Lean (Trmgs Froz. 66.25, Tis/Frozen.

Cured and Processed Pork:

Smoked Hams (Water Added)

16-19 lbs. 90.00-94.00.
19-23 lbs. 85.00-91.00.
Picnics: 4-7 lbs. 59.00-64.00.
No. 1 Bacon 1 lb. pack 118.00-148.00.

SWINE CONTRACTS NEEDED

Farrow To Finish
Farrow To Feeder Pig
Finishing Pig

Contracts Include Full Management Packages

Contact
EAST COAST HOG SERVICE
35 N. Cedar St. Lititz, PA 17543
717-626-6566

48% Soybean Meal, $198.80
Distillers Grains, $151.50
* Per Ton Delivered *
WALKER COMPANY
Gap, PA 17527
717-442-4169 (Collect)

SPECIAL NOTICE
VINTAGE SALES STABLES, INC.
Rt. 30, 10 miles east of Lancaster in Paradise, Pa.
HAY, STRAW & GRAIN SALE
Every Thursday at 1 p.m.
For info. 717-442-4181 or 215-458-8518
L. Robert Frame, Sr., Manager

LOUIS LYONS & SON
Consign your cattle and hogs, feeder pigs & calves to Louis Lyons & Son. They offer choice service, excellent sorting & marketing of your livestock.
Charles Diller, Manager
Phone 394-7915
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Phone 626-8653
Experienced Personnel
Immediate Weighing

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DEALERS WANTED
WHOLE COTTON SEED AND PEANUT HULLS
NAAMAN EBERLY
Paradise, PA
717-687-0990
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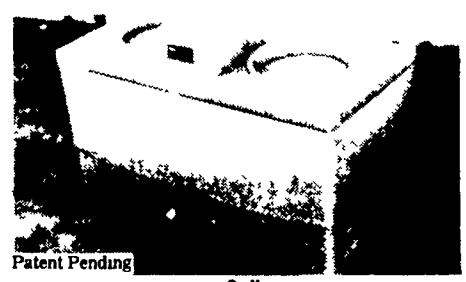
DEALERS WANTED
JACQUES SEEDS

CRIPPLED AND DISABLED
Cows, Steers & Bulls For Slaughter Under USDA Inspection
Call Wayne Taylor
717-866-6289
215-286-9400
Lebanon, Berks, Lancaster & Chester Counties

TOP PRICES FOR DOWN, CRIPPLED AND AS IS COWS, BULLS & STEERS
Slaughtered Under Federal Inspection
Paid On Dressed Weight
Tom Mulvaney
Livestock Trucking
(201) 454-4247
HANDLING:
Warren, Hunterdon, Sussex And Somerset Counties, New Jersey
IN PENNA:
Northampton, Bucks And Lehigh Counties

Lapp
ENERGY FREE DRINKERS
No Gas/No Electric



Patent Pending
40 Gallon
Drinkers have a new unique baffled drinking design manufactured from a durable poly product. A 2-hole 40 gallon and a 1-hole 4 gallon for all kinds of livestock, including horses, sheep, pigs, etc.
Manufactured By
SOUDERSBURG MFG.
116 N. Soudersburg Rd., Gordonville, PA 17529
Authorized Dealers
LANCASTER CO. SHOW-EASE STALL CO. 573 Willow Rd. Lancaster, PA 17601 (717) 299-2536
REISTSVILLE AREA LAPPS SHARPENING SERVICE RD 2 Myerstown, PA 17067
Dealer Inquiries Invited

Livestock market and auction news

Virginia Auction Summary

Dec. 5-11
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 9,115.

Trend: Mixed from 3.00 higher to 2.00 lower.

South & Southwest Va.
Nov. 28-Dec. 4
Report supplied by VDA

STEERS: Medium 1 300-500 lbs. 62.50-71.00; 500-700 lbs. 52.75-65.50, 700-1000 lbs. 50.50-59.00. Large 1 300-500 lbs. 60.50-71.00, 500-700 lbs. 56.00-64.00, 700-1000 lbs. 50.00-60.50. Small 1 300-500 lbs. 52.00-64.00, 500-700 lbs. 45.00-57.00, 700-1000 lbs. 47.00-52.00.

HEIFERS: Medium 1 300-500 lbs. 45.00-56.25, 500-700 lbs. 43.00-54.50, 700-900 lbs. 40.00-52.00. Large 1 300-500 lbs. 46.00-58.50, 500-700 lbs. 45.00-56.50, 700-900 lbs. 42.00-53.00. Small 1 300-500 lbs. 40.00-49.50, 500-700 lbs. 40.00-46.50, 700-900 lbs. 40.00-43.00.

Northern Va. Auction Summary
Dec. 5-11
Report supplied by VDA

STEERS: Medium 1 300-500 lbs. 57.00-64.50, 500-700 lbs. 52.00-64.00, 700-1000 lbs. 50.00-59.50. Large 1 300-500 lbs. 64.00, 500-700 lbs. 58.00-62.00, 700-1000 lbs. 54.50-57.50. Small 1 300-500 lbs. 53.50-62.50, 500-700 lbs. 51.00-60.10, 700-1000 lbs. 45.00-56.30.

HEIFERS: Medium 1 300-500 lbs. 43.00-52.50, 500-700 lbs. 42.50-55.50, 700-900 lbs. 39.50-48.50. Large 1 300-500 lbs. 47.50-53.00, 500-700 lbs. 46.00-52.50, 700-900 lbs. 45.50-49.50. Small 1 300-500 lbs. 40.00-48.00, 500-700 lbs. 41.00-49.50, 700-900 lbs. 38.00-39.00.

Four States Livestock

Hagerstown, Md.
Wednesday, December 4
Report supplied by Auction

SLAUGHTER: Fed Steers- Steady. Low Choice 58.00-58.50; Good 53.00-57.00; Medium 47.00-52.00. Heifers- Choice 53.00-59.75; Good 45.00-52.00; Medium 40.00-44.00.

Cows- Large Run Steady Prices. High Yield 38.00-41.50; Average 33.00-37.00; Big Middle 28.00-32.00; Fatty Herf. 27.00-31.00; Shelly 29.00-down. Fat Bulls- Steady. Good 43.00-45.75; Medium 39.00-42.00. Veal Calves- Good Run Steady To $2.00 Higher. Choice 85.00-92.00; Good 75.00-84.00; Medium 65.00-74.00; Farm Hfrs. 54.00-59.00; Farm Bulls 82.00-99.00; Light Calves 46.00-54.00; Weak Calves 45.00-Down. Lambs- Good Run. Choice 67.00-68.00; Good 64.00-66.00; Medium 57.00-63.00.

STOCKER: STEERS- 300-550 lbs. Good Run $1.00 Higher. Choice 57.00-61.50; Good 52.00-56.00; Medium 46.00-51.00; Culls 45.00-Down. Steers- 600-850 lbs. Choice 55.00-58.00; Good 50.00-54.00; Medium 49.00-Down. Heifers (All Weights)- Choice 48.00-52.00; Good 42.00-47.00; Medium 36.00-41.00. Bulls- Choice 51.00-54.50; Good 46.00-50.00; Medium 40.00-45.00. Springing Heifers- To $750.00. Pigs, Hd. Steady Prices- 20-35 lbs. 12.00-26.00; 40-80 lbs. 27.00-37.00. Shoats By Lb. 37.00-40.00. Slaughter Hogs 50 cents Higher. 220-250 lbs. 44.50-45.50; 275-350 lb. 40.00-45.00.

Special Next Week Dec. 11, We Will Have 1 Polled Charolais Bull 1 Yr. Old; Also 6 Choice Charolais Steers Around 600 Pounds. There Were 292 Hogs Sold At The Hatfield Buying Station on Tuesday Morning. Hogs Are Received Here From 7 A.M. to 11 A.M. Top Price $47.00.

Morrison Cove Livestock

Martinsburg, Pa.
December 9, 1985

Report supplied by auction

CATTLE 269. High Ch. & Pr. sl. steers 62.50-64.25, Choice 61.00-62.75, High Good & Low Ch. 60.00-61.50, Good 57.00-60.00, Good & Choice holsteins 44.00-48.50, Standard 41.00-43.75, Utility 32.50-40.00. Choice sl. heifers 61.50-62.75, Good 57.00-60.25, Standard 35.00-42.50, Utility 30.00-37.50, Breaking Ut. & Commercial sl. cows 36.50-39.25, Cutter & Boning Ut. 34.00-37.25, Canner & Low Cutter 30.00-33.75, Shells down to 25.00. Choice sl. bullocks NONE, Good 45.50-52.00, Standard 40.00-43.50, Utility 30.00-38.50. Yield Grade 1 1200-1700 lbs. sl. bulls, 43.50-46.25, Yield Grade 2 1200-1500 lbs. 39.00-42.75.

FEEDER CATTLE: Steers Good-48.50-56.00 Standard 37.50-44.00, Heifers Good 42.50-50.00 Standard 30.50-42.00, Bulls Good-44.50-53.00 Standard 32.50-42.50.

CALVES 304. High Ch. & Pr. 82.50-87.50, Choice 81.00-84.00, Good 65.00-74.00, Standard 50.00-63.00, Standard & Good 90 to 130 lb. 45.00-62.50, Utility 50-85 lbs. 30.00-46.50.

FARM CALVES: Holstein bulls 90-130 lbs. 67.50-97.00, Holstein heifers 90-130 lbs. 48.50-61.00.

HOGS 209: US No. 1-2 210-240 lbs. barrows and gilts 47.50-49.00, No. 1-3 210-250 lbs. 46.50-47.75, No. 2-3 lbs. 41.00-45.00, No. 1-3 210-320 lbs. 37.00-41.00. Sows US No. 1-3 300-600 lbs. sows 38.00-40.50, No. 2-3 300-600 lbs. 33.50-37.50. Boars 29.00-30.50, Light weights 32.00-34.50.

FEEDER PIGS 128: US No. 1-3 35-50 lbs. feeder pigs 31.00-38.50 per head, No. 1-3 30-40 lbs. 26.50-30.50, No. 1-3 60-90 lbs. 35.00-41.00, Ut. 20-30 lbs. 10.00-19.50 per head.

SHEEP 23. High Ch. & Pr. 90-120 lbs. 65.00-71.00, Choice 80-90 lbs. 60.50-65.00 lbs., Good 80-90 lbs. 60.00-63.00. Slaughter ewes 14.50-28.50. 4 GOATS 13.50-39.50 per head.

Oklahoma National Stockyards

Wednesday, Dec. 11
Report Supplied by USDA

WEEKLY CATTLE TRENDS: Feeder steers and heifers under 500# closing $3.00-5.00 lower than last week; 500-600# weights 1.00-3.00 lower; over 600# 1.00-2.00 lower. Steers often showing the larger share of the downturn Slaughter cows steady to 1.00 lower. Slaughter bulls steady to 1.00 higher however undertone very weak late.

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L. Robert Frame Manager
Office 717-442-4181
Office & Home: 215-458-5060
Office & Home: 215-458-8518

SPECIAL NOTICE
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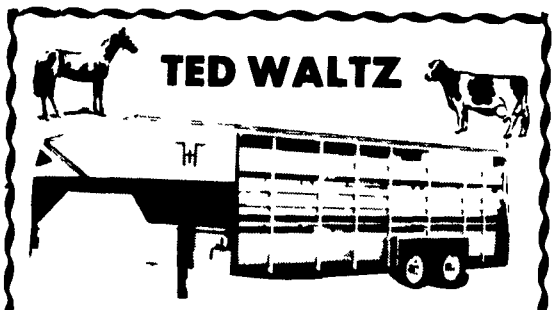
HOLIDAY SALES SCHEDULING
Will start on
December 24, 1985 at 9 a.m.
December 31, 1985 at 9 a.m.
NOTHING ACCEPTED AFTER 2 P.M.
L. Robert Frame, Sr., President
Glenn S. Frame, Manager
717-442-4181
215-458-8518
717-442-4294



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- There will not be a commission or yardage fee deducted from your check
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DALE R. HOOVER - Owner
Blair-Bedford Buying Station
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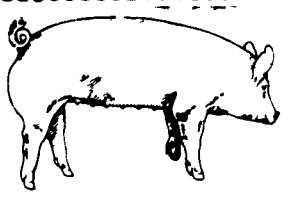
Residence Phone 814-793-2657



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PHONE: 215-926-1307 LEROY WEIST & JOHN WEIST, MGRS.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Exercise Breeding Animals

Many farm animals are kept in close quarters during the winter months. This is fine for animals being fattened for market, but may not be suitable for breeding animals. The flock of breeding ewes should have access to an exercise lot daily; there will be less trouble with paralysis in the ewe flock and stronger lambs born if ewes are exercised daily.

When the ground becomes frozen, or snow-covered, some shepherds will feed hay on the ground, in the exercise lot, in order to force the ewes to exercise. Dairy cows need exercise to maintain good feet and legs, and to provide opportunity for heat detection. Brood mares need the same daily exercise, if they are to remain in the best of health.

To Sort Tobacco

Tobacco stripping is underway in this part of the state and many hours will be spent removing the leaves from the stalk. The days of special handling and sizing seems to be over; however, it is still very important that growers sort the injured and ground leaves from the good tobacco. This will be required if the crop is being sold on grade. With some "pull off" crops this is less important.

On the other hand growers should be fair enough to sort out the undesirable leaves. If this is not done, the buyer will be unhappy and look elsewhere for their tobacco supplies. Some sorting is necessary with every crop, regardless of the method of selling.

To Use A Real Tree For Christmas

This is the time of year that most people are considering the type of Christmas tree to buy. And I hear objections to using real trees as being wasteful. So let's take a look at this situation. Actually, the Christmas tree farmer is raising trees as a crop, and a source of income. This is much the same as the farmer who raises wheat, corn or soybeans to sell or use on his own farm. Christmas trees are raised on land not suited for other crops — not even pasture land. It's mostly rolling land and highly acid.

Also, remember that these Christmas tree farmers are putting this land to good use; by conserving the soil and providing an excellent water shed. Keep in mind that Christmas tree farmers have a very slow turnover in their capital — from the time they plant the tree till it's ready for your living room can be from five to six years for small trees and 10 to 15 years on the larger trees.

Another fact to consider is there is nothing like the fresh aroma of a real tree in your home during the Christmas season.

To Take Inventory

An area of our operation that is very important at this time of year is inventory. With the close of the year most of our farmers close-out their records for the year. This means that if you are going to have a Farm Analysis made, you should take inventory of all your supplies. You'll need this to do any kind of farm analysis, because the amount of grain, hay and other supplies that are in storage will vary from year to year, and unless this is taken into consideration, you cannot have an accurate analysis of your year's operation. So, as accurately as possible, record the amount of hay, grain, feed, seeds and fertilizer that are on hand. This is the first step in an accurate farm analysis.

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

OVER TO BETHLEHEM

December 15, 1985

The Christmas story is very likely the single most familiar story in the world. There is hardly a culture anywhere that does not know it.

In fact, it may well be that the world is too familiar with the Christmas story--so familiar, perhaps, that we easily overlook many of the significant implications of it. For example, everyone knows that shepherds tending their flocks in the fields were visited by angels who proclaimed Jesus' birth in Bethlehem. But, when you go back and read the story in Luke 2, you find that the angels' appearance to the shepherds is no mere sidelight on the Christmas story. The shepherds, it would appear, were singled out–and apparently the shepherds alone–to receive the message from the angels and make the short journey to the Bethlehem manger "to see this thing that has happened, which the Lork has made known to us" (2:15).

WHY SHEPHERDS?

Apart from the wise men, who may have come as much as a year later–no one else got the message to go over to Bethlehem to see and adore the Christ child. The better part of Luke's account of the nativity of Christ is dominated by the shepherds, their experience of the angels and their visit to the manger. No kings, no merchants, no priests got either the message or the invitation. Just a few humble shepherds tending their flocks by night.

Why shepherds? Well, of course, shepherds make for a more colorful and romantic story. But, although I can't claim to know God's mind on this matter, I am quite confident that God's choice of the shepherds was based upon something more than just a detail for a colorful tale. It would seem that his selection of the shepherds was in line with his decision to keep the principal components of the story on a humble level: a peasant family, an unknown maiden and her betrothed from an obscure village, and a stable and a manger in an inn that was already full. And then, it was to humble shepherds that the angels came.

"LET US GO!"

It is as if God is emphasizing that the Christmas story and message is for everyone everywhere. One does not have to be learned, powerful or rich to receive and appropriate the Good News of Christmas. All that is needed is the humble responsiveness displayed so beautifully by the shepherds: "Let us go over to Bethlehem and see this thing that has happened..."

Advent and Christmas are a time when the whole world has the opportunity to hear the angels and to make the timeless pilgrimage to Bethlehem to see for ourselves the good news that God has sent to all humanity.

USDA cracks down on packer's payment delays

WASHINGTON — The U.S. Department of Agriculture has ordered Beef Nebraska, Inc., of Omaha, Neb., to cease and desist from its practice of using a country bank account to delay collection of its checks for slaughter livestock.

The meat packer, which purchases livestock in eastern Nebraska and western Iowa, has until Jan. 27 to request review of the order by the U.S. Court of Appeals.

USDA Judicial Officer Donald A. Campbell issued the order after Beef Nebraska appealed the ruling of Administrative Law Judge William J. Weber, based on testimony at a hearing in September 1983, at Omaha.

Campbell found that Beef Nebraska's use of checks drawn on a "controlled disbursement account" with the State Bank of Palmer, about 125 miles west of Omaha, effectively created a one-day delay in the collection of funds by livestock sellers.

Campbell said evidence showed that State Bank of Palmer never saw or processed the checks.

"Instead, under an 'intercept' agreement, Omaha National Bank intercepted (these checks) at the Omaha Federal Reserve Bank, and processed and accounted for them as if they had been drawn on Omaha National Bank.

"This had advantages for all concerned except the livestock seller," Campbell continued. "The scheme resulted in an additional day's delay in the check clearing process."

Campbell said any delay in the check clearing process increases the packer's float, thereby increasing the risk of loss to livestock sellers in case of the packer's bankruptcy.

Campbell said legislative history showed that Congress intended to prevent this sort of delaying tactic when it amended the Packers and Stockyards (P&S) Act in 1976 to require packers to pay promptly for livestock.

Congress approved the amendment after American Beef Packers (ABP) filed for bankruptcy in January 1975, leaving producers in 13 states holding bad checks for about $20 million worth of livestock. ABP had used bank accounts in North Carolina and Washington State to pay for its livestock purchases.

The P&S Act is an antitrust, fair trade practice and payment protection law. It is designed to maintain integrity in the marketing of livestock, poultry and meat, and economic law and order in the marketplace.

Farm Calendar

Monday, December 16

Ag Legislative and Land Preserve Meeting, sponsored by Manheim Young Farmers, 7:30 p.m. at Manheim Central High School ag department. The public is invited.

Tuesday, December 17

Swine Marketing Meeting, Berks Ag Center, 9:30 a.m., Leesport.

York Crops Day, 4-H Center, 9:30 a.m. to 3:30 p.m.

Wednesday, December 18

Mid-Atlantic No-Till Conference, Timonium, Md., 9 a.m. to 3 p.m.

Swine Marketing Meeting, Lancaster Farm and Home Center, 9:30 a.m.

Kaye Sweigard to be College of Ag 'marshall'

UNIVERSITY PARK — Kaye Sweigard, of Halifax, will be the College of Agriculture student marshall for Penn State's winter graduation Jan. 5. She was chosen to represent the college because of her high academic achievement.

Kaye will receive a bachelor of science degree in animal production. She transferred to Penn State in the middle of her sophomore year from the Harrisburg Area Community College to enroll in the College of Agriculture.

Finding the transition easy, Kaye became involved in her studies. "My livestock judging classes, taught by Dr. Erskine Cash, have been the most important. Cash, professor of animal science, was 1979 winner of the AMOCO Foundation Outstanding Teacher Award.

Last year, she assisted Dr. Cash with class preparations and under his direction helped the Penn State Livestock Judging Team prepare for the North Central Livestock Competition. The team placed first in live animal evaluation.

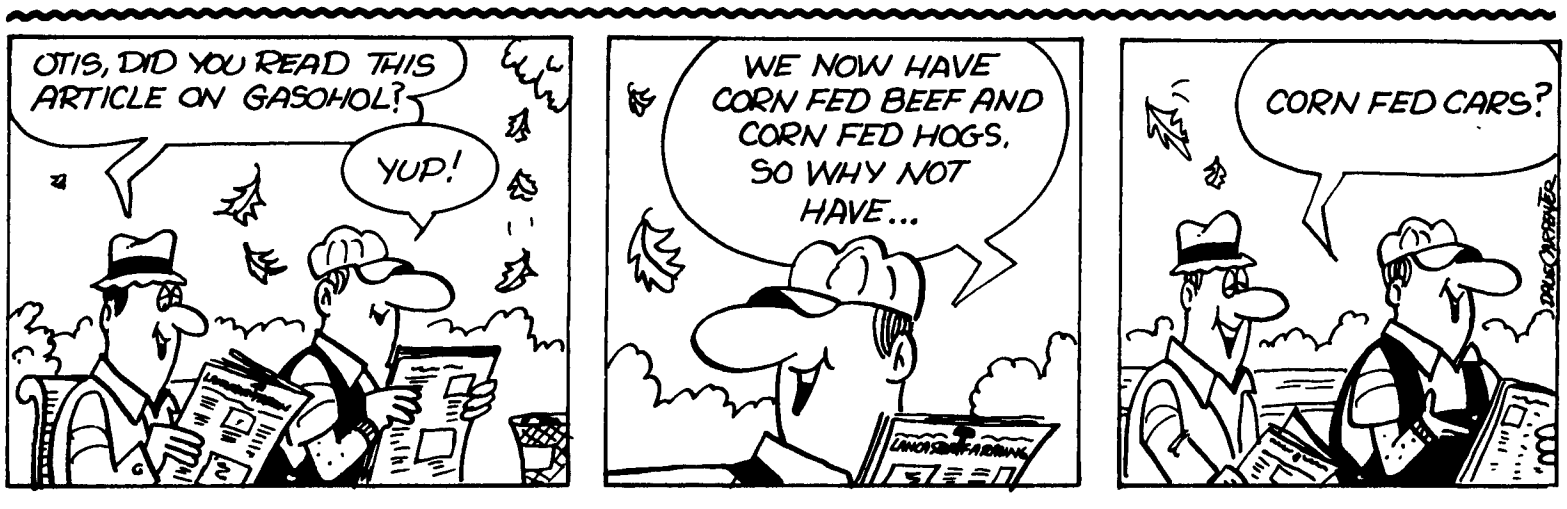
Animal judging comes naturally to Kaye. During high school she was a member of the Upper Dauphin Livestock 4-H club, worked on a neighboring farm with show and sale beef cattle, and now keeps three Angus cows herself. For the past two summers she has worked for Genetics Unlimited, Inc., assisting with embryo transfers, herd management and show cattle.

At Penn State, Kaye won the champion Jersey Showman award at the 1984 Dairy Expo, was a member of the 1984 Livestock Judging Team and placed sixth in individual beef judging competition at the national collegiate competition.

Kaye is an active member of the Block and Bridle Club and was chosen the outstanding member in both her junior and senior years. She was elected to the Coaly Society and to Gamma Sigma Delta agricultural honor societies and to the Golden Key National Honor Society.

During her two and a half years at Penn State, she received five separate scholarships in the College of Agriculture scholarship and awards program, including the Hatfield Packing Scholarship, the Pennsylvania Meatpackers Association Scholarship, the Arthur Bigelow memorial scholarship, the Herman R. Purdy Award and the American Society of Animal Science Scholarship.

After graduation, Kaye hopes to work with Angus cattle in herd management and eventually move into farm management. Kaye is the daughter of Kenneth and Marie Sweigard of Halifax.



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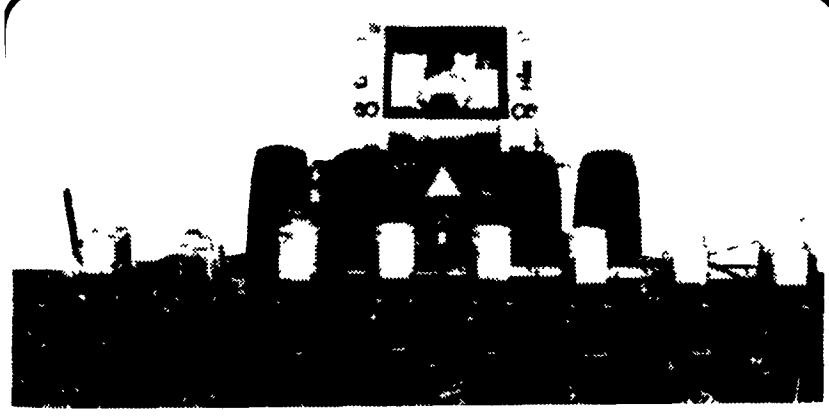

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Wednesday, December 18, 1985
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Timonium, MD.

Buffalo

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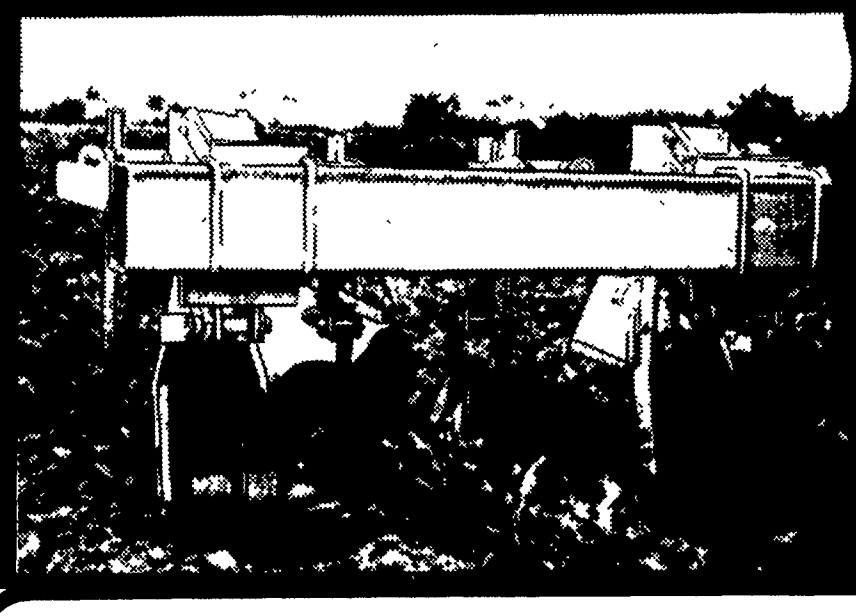

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Philadelphia Wholesale Fruit and Vegetable Report

Monday, Dec. 9, 1985
Report Supplied by USDA

FRUIT

APPLES: ABOUT STEADY. Ctn cell pack, WA Golden Delicious USExFcy 96s 21.50-22.00; ctn tray pack, WA Red Delicious WaExFcy 72s 20.50, 88s 18.50-19.50, 100s 17.50; USExFcy 72s 20.00, 80s 19.00, 88s 18.00, few 19.50-20.00, 100s 16.50, 113s few 18.00, 125s few 17.00; Golden Delicious USExFcy 88s 18.50, 100s 15.50-16.50, 113s 14.50-15.50; VA CombUSExFcy-Fcy Red Delicious 64-80s 12.00, 88s 11.00, 100s 10.00; Golden Delicious 113s 9.00-10.00; WV Comb USExFcy-Fcy Red Romes 64-88s 11.00-12.00, 100s 10.00, 113s 9.00-10.00; Golden Delicious 113s 9.00-10.00; NJ Comb ExUSExFcy-Fcy Red Delicious 64-80s 12.00, 88s 11.00, 100s 10.00; Red Romes 64-88s 11.00-12.00, 100s 10.00, 113s 9.00-10.00, Granny Smith 64-88s 13.00-14.00, 100s 12.00, 125s 10.00; PA marked ExFcy Red Delicious 56-72s 8.00-9.00, 80-113s 9.00-10.00, 125s 9.00, Red Romes 88-100s 8.00-9.00, Stayman 56s & 72-88s 9.00; PA Red Romes 7.20; IL Jonathon 6.60; VA Stayman 7.20, one label 10.00; NJ Red Romes & Red Delicious 7.20; MASS MacIntosh 9.00; PA buctns Red Delicious 2½" 5-5.50, 25-lb ctn Lady Apples no size mark 30.00; WV buctns Red Delicious no size mark 5.00-6.00.

MELONS

CANTALOUPES: SUPPLIES LIGHT. CA ½ ctns 18s 14.00, 23s few 16.00, jumbo crt 36s 35.00.

HONEYDEWS: ABOUT STEADY. CA ⅔ ctns 5s 8.00-9.00, few hgr 6s 7.00-8.00, few hgr 8s 9.00-10.00, fair cond 6.00-7.00, 9s 8.00.

WATERMELONS: Ctn per lb, FL Long Grays 3s 18-19 cents, Jubilees 4s 18-19 cents.

NUTS

PECANS: GA 50-lb sks Stuarts 55.00-60.00, Blends 42.50-50.00.

WALNUTS: CA 50-lb sks jbo 36.00-37.00, lge few 38.00.

VEGETABLES

BEANS-GREEN: LOWER. FL various bushel containers Round Green type 7.00-8.00, one lot 5.00-6.00, handpicked 8.00-10.00, mos 9.00-10.00, few high as 12.00, occ hgr fair qual 6.00-7.00; Kentucky Wonder type few 14.00-15.00.

BEETS: TX crt bchd 12s 6.50; NJ crt bchd 12s 5.50, bubkts topped 6.00-7.00, mostly 6.50.

BROCCOLI: LOWER. Ctn bchd, CA 14s 7.50-10.00, mos 9.00, 18s 8.50-10.50, mos 9.00-10.00, few lwr; NJ 14s 8.00.

BRUSSEL SPROUTS: CA 25-lb ctn loose 9.00-11.00, mos 9.50-10.00.

CABBAGE: SLIGHTLY HIGHER. 1¾ buctn & crt medium Green unless otherwise stated; NJ lge 4.00-5.00; NC 6.50-7.50, Savoy 6.00, Red 7.00; PA Red 6.00; NY 50-lb sks Danish type 8-10s 4-4.50, Red 5-5.50, 5-lb sks 4.50-5.00.

CARROTS: SLIGHTLY HIGHER. 48-1 lb film bags in film sacks; CA med-lge 11.00-12.00, mos 11.00-11.50; CANADA med 8.00, few 8.50, 10-5 lb film bags in film sacks; CANADA med 8.00, 50-lb sks loose jbo; CA 6.50-8.50, few hgr; CANADA 6-6.50, mos 6.50; ctn bchd 24s CA 10.00-10.50; miniature 20-12 oz film bags FL 12.00; CA 8.50-9.00.

CAULIFLOWER: LOWER. CA ctn film wrpd 12s 9.00-11.00, mos 9.50-10.00, fair cond 5.00; FL ctn film wrpd 9s 6.00, 16s 4.00-6.00, fair cond 12s 6.00; LI jacket pack LIcrt 12s 10.00.

CELERY: Ctns & crts; CA 1½ doz 15.00, 2 doz 15.00-16.00, mos 15.00, 2½ doz 14.00-16.00, mos 14.00-15.00, 3 doz 14.00, few hgr 4 doz 14.00, few lwr Hearts film wrpd 18s 15.00; FL 2½ doz 12.00-13.00, mos 13.00, 3 doz 12.00, Hearts film wrpd 30s 14.00.

CUCUMBERS: ABOUT STEADY. 1-1/9 bucrt & ctns waxed medium unless otherwise stated; FL fair cond 5.00-6.00, ord cond low as 2.00, fair qual 5.00-6.00, few higher fair cond 2.00-4.00, flat ctn Long Seedless film wrpd 12s 11.00, fair qual 8.00.

EGGPLANT: LOWER. FL 1-1/9 buctns & crts wrpd 6.00-7.00, mos 7.00; MEXICO crt wrpd 18s 6.00, few 7.50-8.00, 24s few 7.50-8.00.

GARLIC: CA per lb Late Keeping super-jbo 1.30, ex-jbo 1.25, jbo 1.10, packages 12-2s 1.25.

LETTUCE-ICEBERG: SLIGHTLY LOWER. Ctn 24s unless otherwise stated; CA 14.00-15.00, preferred labels 15.50-16.00, fair appear 11.00-13.00, film wrpd 14.00-16.00, mos 15.00, few high as 17.00, ord cond 4.00, 30s 11.00-12.00, few higher & lower ord cond 6.00.

ROMAINE: SUPPLIES LIGHT. CA 24s ctns 15.00-16.00, mos 16.00, few higher fair cond 10.00, crts 18.00, few higher; FL crt 24s 14.00.

BIG BOSTON: FL crt 24s 10.00-12.00; CA ctn 24s 10.50, few 9.00, fair cond low as 7.00.

LEAF: CA ctn 24s 11.00-13.00, mos 11.50-12.00, Red 12.00-14.00, mos 12.00-13.00; FL crt 24s 8.00-9.00, ½ bucrt 5.00; AZ ctn 24s including Red 10.00-11.00.

MUSHROOMS: SLIGHTLY LOWER. PA 4-qt bkt med-lge 4.25-5.00, mos 4.50-4.75, sml-med 3.25-4.00, mos 3.50, 10-lb ctn 8.50, few hgr & lwr pkgs, 12-10 oz 8.50-8.75, mos 8.50.

ONIONS-DRY: SLIGHTLY HIGHER. 50-lb sacks US #1 or generally good quality Yellow Grnao unless otherwise stated; ID-OR jbo 7.00-7.50, 25-lb sks Red lge 6.50; CO jbo 7.00-7.50, mos 7.00; NB jbo 7.00-7.50; CA jbo 7.00; NY Globe type med 3.00-4.00, mos 3.00, fair qual low as 2.00, 20-2 lb mesh sks few 5.50, 25-lb sks Red med 3.00.

ONIONS-GREEN: ABOUT STEADY. Ctns & crt bchd; CA 48s 7.00-8.00; AZ 48s 5.50-6.00.

PARSLEY: ABOUT STEADY. Bchd 5-doz curly; FL crts 10.00-11.00; Plain few 12.00; CA ctn 12.00; NJ bubkts 10.00-11.00; AZ crts 8.00-9.00; TX ctns 9.00-11.00.

PARSNIPS: NJ ½ buctns 6.00.

PEPPERS: SLIGHTLY LOWER. 1-1/9 bucrts & ctns Calif Wonder type Green unless otherwise stated; FL lge 8.00-12.00, mos 10.00-12.00, occ higher, med 4.50-6.00, mos 5.00-6.00, few higher, sml 3.00-4.00, mos 3.00-3.50, Mxd red lge 6.00-6.50, med 5.00, fair cond low as 3.00, Red lge 17.00-18.00, med fair cond 6.00, Cubanelles lge 12.00, few higher Longhots buctns 10.00-13.00.

POTATOES: ABOUT STEADY. 50-lb sacks US#1 size A washed or brushed unless otherwise stated; ROUND WHITES, ME 2.25-2.50, mos 2.30-2.50, few hgr, lge 2.75-3.00, paper sks 20-lb 1.10, 10-lb 55 cents, few lwr, baled film bags 10-5 lb 4.50, 5-10 lb 3.50; NJ 2.00-2.25; PA unwashed 1.75-2.00, mos 1.85-2.00, lge 2.25-2.75, mos 2.40-2.50; ROUND REDS, ND 5.50 size B 6.50-7.00, baled 10-5 lb film bags 6.50; RUSSETS, 50-lb ctn counts unless otherwise stated, ID 70-80s 9.50-10.00, mos 10.00, 90s 8.50-9.50, mos 9.00, 100s 7.50-8.50, mos 8.00, baled 10-5 lb film bags non size A 7.50-8.00; WI 70-80s 7.00, 90s 6.50, 100s 6.00, 125s 5.50.

RADISHES: HIGHER. FL ctns Red 30 6-oz film bags 6.50-7.50, mos 6.50-7.00, White 24-8 oz film bags 6.00, few 6.50; CA ctn bchd 24s 6.50.

SPINACH: ABOUT STEADY. Savoy type bubkts; NJ few 7.00; TX clipped 8.00-11.00, mos 10.00, fair cond 7.00-7.50; Flat type ctn bchd 24s, CA 8.00-8.50; AZ 8.00-9.00.

SQUASH: LOWER. FL ½ buctns Zucchini sml-med 5.00-6.00, few higher & lower, med 3.00-4.00, few higher & lower, Yellow Straightneck sml-med 7.00-8.00, occ higher, 1-1/9 bucrt Acorn med 10.00; NJ buctns Butternut 3.00-4.00.

SWEET POTATOES: ABOUT STEADY. NC 50-lb ctn Jewel cured 5.50-6.00; NJ ½ bubkts Yellow Jersey 6-6.50, ½ buhmprs open face Red Jersey 9.00, unwashed 7.00, fair qual 6.00, White skin 7.00-8.00, ½ buctns Yellow Jersey, few 4.00; DE 50-lb ctn Puerto Rican type cured 5.00.

TURNIPS: PA topped 25-lb film bags med 4.00, bubkts med 6.00-7.00.

WATERCRESS: FL ctn bchd 24s 8.25-8.50.

East Coast Carlot

December 11, 1985
Report supplied by USDA

East Coast Carlot meat trade delivered prices (caf) Boston to Washington area include.

Compared to Tuesday's close: Special fed veal 2.00 higher in light test. Good and choice boning veal steady; inshipped untested carcass lamb 55 lbs. down steady with last week. Boneless beef weak undertone. Beef trimming firm.

Veal Carcass
Choice & Prime
(Special Fed)
Hide On 100 Head

220-280 lbs. 172.00-175.00, 2.00 higher.

Good and Choice
Boning Type
Hide On

NORTHEASTERN SUPPLIERS: 650 head. 65-75 lbs. 76.00, steady; 55-64 lbs. 74.00; 45-54 lbs. 72.00; 35-44 lbs. 70.00; 34 lbs. down 68.00.

Inshipped-No Sales Reported.

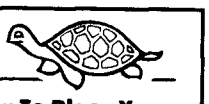
Lamb Carcass
Choice and Prime
2 Loads

55 lbs. down, 140.80, steady with last week.

Beef Trimmings
1 Load

50% Chem Lean Fresh 51.00, firm with last week.

DON'T BE SLOW



Call Now To Place Your CLASSIFIED AD
Ph 717 394 3047 or 717 626 1166

ATTENTION MR. FARMER

Dwight Rouse Tobacco Co., Inc. is proud to announce the opening of our New Receiving Station for the purchase of 609 Tobacco.

We invite all farmers to stop in and see our facilities located on Highway 472, Kirkwood, Pa.

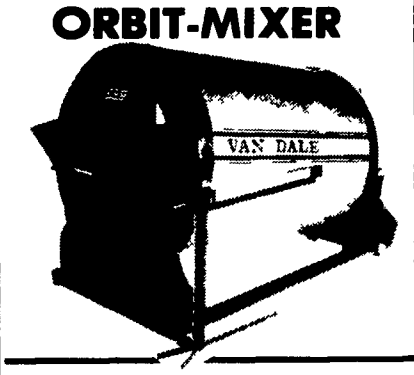
We are now receiving tobacco every day.

Contact

Dwight or Dean Rouse
at 717/529-2626
or 717/295-7501 after 6 PM
for more information

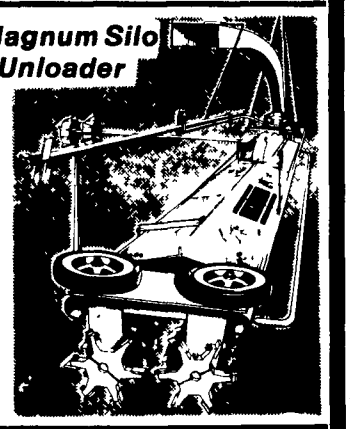
VAN DALE

Total Mixed Rations With The New
ORBIT-MIXER



Magnum Silo Unloader

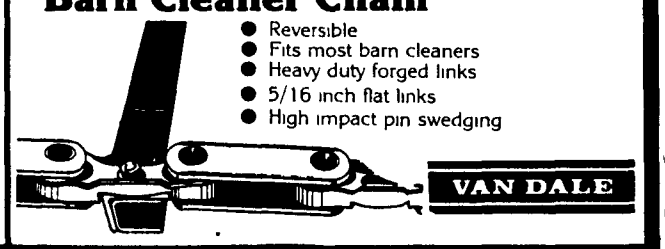
Slinger 4500



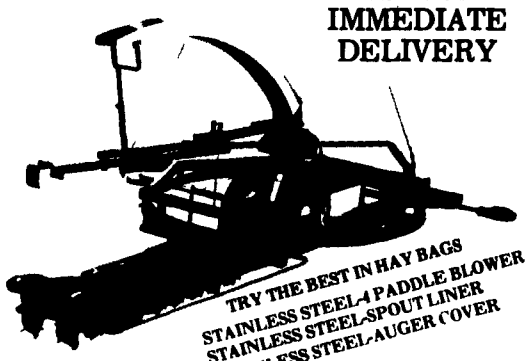
LANCASTER SILO CO.
2008 Horseshoe Rd.
Lancaster, Pa. 17601
717/299-3721

Barn Cleaner Chain

- Reversible
- Fits most barn cleaners
- Heavy duty forged links
- 5/16 inch flat links
- High impact pin swedging

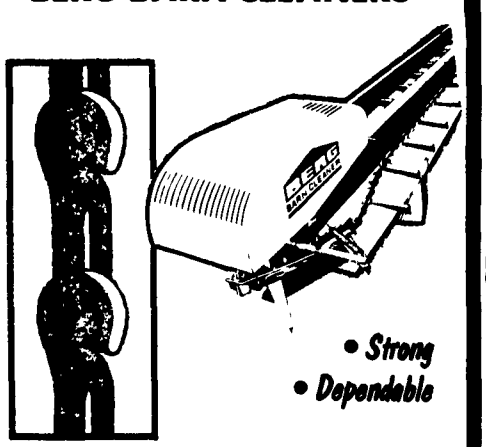


"NEW" SUPREME #428 TURBO RING-DRIVE SS
IN STOCK - IMMEDIATE DELIVERY

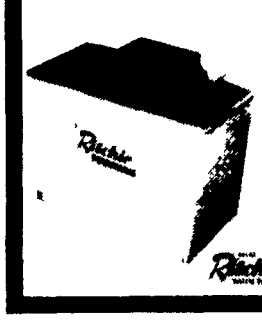


TRY THE BEST IN HAY BAGS
STAINLESS STEEL-4 PADDLE BLOWER
STAINLESS STEEL-SPOUT LINER
STAINLESS STEEL-AUGER COVER

BERG BARN CLEANERS



- *Strong*
- *Dependable*



WATER THAT WON'T QUIT

1 USED ST100 VAN DALE MIXER W/SCALES

LANCASTER SILO CO.
2008 Horseshoe Rd., Lancaster, PA
717/299-3721

Livestock market and auction news

St. Louis Cattle

Thursday, Dec. 12
Report Supplied by USDA

Receipts this week	4,100
Week Ago	4,600
Year Ago	5,200

Compared to last week's close, slaughter steers 2.00-2.50 lower. Slaughter heifers 2.50-3.00 lower. Cows 3.00-4.00 lower. Bulls 2.00-3.00 lower. Slaughter supply mainly choice steers and heifers, around 15% cows.

SLAUGHTER STEERS: Mixed choice and prime 2-4 1050-1275 lbs. 63.00-64.00; part load 2-3 1200 lbs. early 64.50, most closing sales 63.50-64.00. Choice 2-4 950-1300 lbs. 62.00-63.50, closing 62.50-63.50. Mixed good and choice 2-3 900-1225 lbs. 60.50-63.00. Good 2-3 900-1250 lbs. 59.00-61.00; few lots 850-900 lbs. 56.00-59.00. Mostly good 2-3 1100-1450 lb. holsteins 48.00-54.00. Standard to good 2-3 975-1300 lbs. 44.00-48.00.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4 900-1125 lbs. 61.00-61.50, package early 62.00, not tested late. Choice 2-4 825-1075 lbs. 60.00-61.25. Mixed good and choice 2-3 800-1050 lbs. 58.50-60.00. Good 2-3 750-1000 lbs. 56.00-58.50; few lots 700-750 lbs. 55.00-58.50.

COWS: (Closing week sales) Breaking utility and commercial 2-4 27.00-30.00. Cutter and boning utility 1-2 30.00-33.00. High-yielding cutter and boning utility 1-2 33.00. Canner and low cutter 1-2 27.00-30.00. Shelly canner 1-2 24.00-27.00.

BULLS: YG 1-2 1075-2000 lbs. 40.00-44.00.

Wednesday's weekly sheep auction. Receipts around 500 head. Slaughter lambs 3.00-5.00 lower than last week. Slaughter ewes steady. Feeder lambs 4.00-5.00 lower. Light receipts. Moderate demand.

SLAUGHTER LAMBS: Choice and prime 100-118 lbs. 59.00-62.50. Choice 90-110 lbs. 54.00-59.00.

SLAUGHTER EWES: Utility to good 15.00-19.00.

FEEDER LAMBS: Choice and fancy 40-80 lbs. 55.00-60.00. Choice 50.50-53.00.

Farmers Livestock Auction

Duncansville, Pa.
December 9, 1985
Report Supplied by PDA

CATTLE 277. High Ch. & Pr. sl. steers 62.50-64.50, Choice 61.00-62.25, High Good & Low Ch. 57.50-60.00, Good 55.00-58.50, Good & Choice holsteins 45.00-50.25, Standard 40.50-43.25, Utility 31.00-40.00. Choice sl. heifers 58.50-61.75, Good 54.50-58.00, Standard 44.50-50.25, Utility 32.00-41.00. Breaking Ut. & Commercial sl. cows 36.50-39.00, Cutter & Boning Ut. 32.50-36.75, Canner & Low Cutter 29.50-33.50, Shells down to 24.00. Choice sl. bullocks NONE, Good 50.00-51.50, Standard 42.50-44.75, Utility 30.00-39.50. Yield Grade No. 1 1400-1700 lbs. sl. bulls, 45.00-47.25, Yield Grade No. 2 1000-1600 lbs. 40.25-43.75.

FEEDER CATTLE: Steers Good 50.00-54.50 Standard 35.00-44.50 Heifers Good 40.00-47.50 Standard 31.00-40.00, Bulls Good 45.00-52.50 Standard 32.00-41.50.

CALVES 283. High Ch. & Pr. 84.50-90.50, Choice 74.00-82.50, Good 60.00-73.50, Standard 52.00-61.00, Standard & Good 90 lb. to 130 lb. 46.50-61.50, Utility 50-85 lbs. 32.50-46.50. Holstein bulls 90-130 lbs. 65.00-97.00, Holstein heifers 90-130 lbs. 47.50-64.00.

HOGS 180. US No. 1-2 210-240 lbs. barrows and gilts 48.00-49.25, No. 1-3 210-250 lbs. 47.00-48.25, No. 2-3 210-260 lbs. 45.00-47.00, No. 1-3 250-320 lbs. 37.50-42.50. US No. 1-3 300-600 lbs. sows 38.00-41.00, No. 2-3 300-600 lbs. 34.00-38.50. Boars 28.00-29.50, Light weights 31.00-33.50.

FEEDER PIGS 67. US No. 1-3 40-50 lbs. feeder pigs 29.50-34.50 per head, No. 1-3 30-40 lbs. 22.50-30.00, Ut. 20-35 lbs. 16.50-22.50 per head.

SHEEP 9. High Ch. & Pr. 90-110 lbs. 64.00-70.50, Good 75-85 lbs. 55.00-61.00. Slaughter ewes 14.00-22.50. GOATS NONE.

Eighty-Four Livestock

Eighty-Four, Pa.
Monday, Dec. 9
Report supplied by PDA

CATTLE 524. Choice slaughter steers 60.00-64.00, Good 55.00-60.25, Standard 44.00-52.00, few Utility 37.00-40.00. Few Good Slaughter Heifers 51.00-61.50, Standard 42.00-50.00, Utility 35.50-41.50. Breaking Utility and Commercil slaughter cows 35.00-38.00, few 39.00-42.00, Cutter & Boning Utility 32.00-35.50, Canner & Low Cutter 25.00-32.00, Shells down to 19.00. Yield Grade No. 1 1100-2000 lbs. slaughter bulls 43.00-50.00, #2 950-1600 lbs. 38.00-41.50.

FEEDER CATTLE: Medium Frame #1 380-720 lbs. steers 50.00-60.00. Medium Frame #1 350-550 lbs. heifers 42.00-48.00, Large #1 500-880 lbs. 44.00-50.00. Medium Frame #1 330-500 lbs. bulls 48.00-56.50.

CALVES 310...Few Choice vealers 85.00-88.00, Good 66.00-82.00, Standard & Good 90-120 lbs. 45.00-50.00, 60-85 lbs. 40.00-47.00, Utility 50-85 lbs. 25.00-33.00...FARM CALVES: Holstein Bulls 90-120 lbs. 60.00-92.50...Good and Choice 250-375 lbs. slaughter calves 46.00-58.00.

HOGS 264...US No. 1-2 205-260 lbs. barrows and gilts 47.00-48.50, No. 2-3 208-260 lbs. 46.00-47.00, No. 2-4 205-285 lbs. 43.75-45.00, No. 1-3 100-140 lbs. 35.00-37.00, 170-195 lbs. 38.00-42.00. US No. 1-3 350-550 lbs. 38.00-39.50, No. 2-3 325-600 lbs. 34.00-37.00. BOARS 27.00-31.00.

FEEDER PIGS 42...US No. 1-3 30-40 lbs. feeder pigs 18.00-20.00, 70-85 lbs. 30.00-32.00 one lot Utility 39 lbs at 17.00 - all per head.

SHEEP 228... High Choice & Prime 75-90 lbs. wooled slaughter lambs 73.50-76.00, Choice 90-110 lbs. 64.00-70.00, Good & Choice 60-75 lbs. feeder lambs 67.00-71.50... Slaughter sheep 20.00-24.50...GOATS 20: 5.00-20.00 per head.

Dewart Livestock

Dewart, Pa.
Monday, December 9
Report Supplied by PDA

CATTLE 274: Individual Choice 1030 lbs. slaughter steer at 59.00, Good 52.57-25.00, few Holsteins 46.00-48.00, few Standard 42.00-45.50. Few Choice slaughter heifers 55.25-56.50, Standard & Good 42.00-47.25. Breaking Utility & Commercial slaughter cows 35.00-38.60, Cutter & Boning Utility 33.50-36.50, Canner & Low Cutter 29.50-33.50, Shells down to 27.00. Few Yield Grade No. 1 920-1820 lbs. slaughter bulls 41.50-46.50.

FEEDER CATTLE: Few Medium Frame #1 350-600 lbs. steers and bulls 50.00-60.00. Few Medium Frame #1 300-700 lbs. heifers 38.00-46.00.

CALVES 273: Individual Prime vealer at 99.00, few Choice 78.00-82.00, Good 62.00-73.00, few Standard & Good 110-125 lbs. 55.00-60.00, 70-105 lbs. 45.00-52.50. FARM CALVES: Holstein Bulls 90-130 lbs. 60.00-98.00, mostly 88.00-95.00.

HOGS 97: US No. 2-3 195-260 lbs. barrows & gilts 47.75-49.00. US No. 1-3 375-575 lbs. sows 33.75-36.25. Few Boars 30.50-31.00.

FEEDER PIGS 266: US No. 1-3 20-35 lbs. feeder pigs 20.00-30.00 per head, 35-50 lbs. 28.00-37.00, 50-60 lbs. 35.00-42.00 per head.

SHEEP 19: Few Choice 60-70 lbs. wooled slaughter lambs 64.00-68.00.

Joliet Cattle

Thursday, Dec. 12
Report Supplied by USDA

CATTLE: Slaughter steers and heifers mostly 1.00 to 2.00 lower for the week. The market was sharply lower on Monday and showed some slight strength on Wednesday. Receipts about 1,300 this week; 1,972 a week ago; and 1,814 a year ago.

SLAUGHTER STEERS: Choice 2-4 1075-1350# mostly 63.50-66.50, few down to 62.00 on Monday and load choice 3 1275# 67.00 on Wednesday. Mixed good and choice 2-3 1050-1200# 62.00-63.50.

SLAUGHTER HEIFERS: Choice 2-4 950-1050# 61.00-63.00, but not well tested either Monday or Wednesday. Mixed good and choice 2-3 850-950# 56.00-61.50.

PENNSYLVANIA TOBACCO AUCTION, INC
WE WORK FOR THE FARMER!

ATTENTION TOBACCO FARMERS

PENNSYLVANIA TOBACCO AUCTION, INC
WE WORK FOR THE FARMER!

Offering A Fairer And More Competitive Way To Market Your Tobacco

Thank you for holding your tobacco until the first auction. This shows us that you are interested in the auction and you will support it when it works on December 16.

It took Maryland 10 years to produce a successful auction. with your support we can hopefully do it in less years. We have spent a lot of time and money so far and we will extend more of both and do all we can to provide a successful alternative Tobacco Marketing System for both buyer & seller.

Tobacco officials say that the Burley Tobacco Supply is about 25% short. We are sure that that will better our tobacco market. So don't sell your tobacco until you see what the market price is at auction.

How many farmers would have already sold their tobacco for much less than the currently offered prices if they wouldn't be watching for auction to begin? Prices have already started moving in the upward direction. Our auctioneer, Mitchell Ashby, would like to have these fellows together under one roof.

IF YOU HAVE ANY QUESTIONS OR NEED ANY INFORMATION, PLEASE CALL

ERIC PROBST, GENERAL MANAGER 717/768-7100

Livestock market and auction news

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, Dec. 10
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .70-.94 per lb.
MUSCOVY DUCKS, HENS: range .50-.66 per lb.
PEKIN DUCKS: range .30-.44 per lb.
RED FOWL: 4-5 lbs. range .15-.32 per lb.
RED FOWL: 5-6 lbs. range .25-.42 per lb.
CROSSBRED FOWL: 5-10 lbs. range .20-.44 per lb.
CROSSBRED ROOSTERS: 4-6 lbs. range .40-.72 per lb.
CROSSBRED ROOSTERS: 7-11 lbs. range .30-.62 per lb.
GUINEA FOWL: range .95-1.35 per lb.
BANTY ROOSTERS: range 2.00-4.25 ea.
BANTY HENS: range .50-1.25 ea.
LEGHORN HENS: range .08-.16 per lb.
GEESE: 8-15 lbs. range .28-.56 per lb.
TURKEYS: 18-35 lbs. range .20-.42 per lb.
PIGEONS: 1.25-1.65 ea.
WHITE PIGEONS: range 2.50-3.25 ea.
SILKIES: range 6.00-7.75 ea.
DOVES: range 2.25-3.00 ea.
RABBITS: 4-6 lbs. range .70-1.10 per lb.
RABBITS: 7-11 lbs. range .50-.76 per lb.
BUNNIES: .25-1.50 ea.
GUINEA PIGS: range .05-2.25 ea.
GOATS: 32.00-46.00 ea.
KID GOATS: range 27.00-34.00 ea.
CAPONS: 10-12 lbs. .62-.84 per lb.
TOTAL NUMBER COOPS: 960.

Greencastle Hay

Greencastle, Pa.
Monday, Dec. 9

30 loads total. Straw 74.00/ton; Alfalfa 70.00 to 96.00/ton; Mixed 54.00 to 70.00/ton.
1 load Firewood 30.00.

New Holland Horse

New Holland Sales Stables
Monday, Dec. 9
Report supplied by auction

Reported receipts of 318 head of horses, mules and ponies.
Market steady.
Better horses 425.00-500.00.
Driving horses 275.00-1000.00.
Riding horses 175.00-350.00.
Lightweight killers 125.00-200.00; Heavyweight killers 250.00-325.00.
Mares ponies 25.00-65.00; Colts 10.00-25.00; Gelding ponies 25.00-65.00.
Larger ponies 100.00-150.00.

Omaha Weekly

Thursday, Dec. 12
Report Supplied by USDA

Slaughter steers and heifers 1.00-1.50 lower for the week with the downturn noted on Monday. Declines in dressed beef channels late the previous week and a fairly large packer inventory going into this period were the primary factors in price declines this week. Slaughter Cows under extreme pressure and prices turned lower early, however, late week advances almost erased early declines. This class wound up 1.00-2.00 lower. Slaughter Bulls 1.00-2.00 lower.

Estimated 5 day receipts this week 7600 compared to actuals last week of 6663 and 9377 last year. Slaughter Steers accounted for 38 pct. of receipts this week, Slaughter Heifers 43 pct., Slaughter Cows 14 pct., Feeder Cattle 3 pct.

SLAUGHTER STEERS: Closing sales choice 2-4 1050-1300 lbs. 64.00-65.00. Mixed Good and Choice 2-3 1050-1250 lbs. 62.50-64.00. Few Good 61.00-63.00.

SLAUGHTER HEIFERS: Closing sales Choice 2-4 950-1100 ls. 62.50-63.50. Mixed Good and Choice 2-3 950-1050 lbs. 61.00-62.50. Few Good 58.00-61.00.

Average of LS 214 detailed quotations for Choice 900-1100 lb. Slaughter Steers this week 63.15, 1100-1300 lbs. 64.40. Average cost all Slaughter Steers this week 63.07, average weight 1156 lbs. compared to 64.91 and 1201 lbs. last week. Average cost all Slaughter Heifers this week 62.20, average weight 1031 lbs. compared to 64.10 and 1069 lbs. last week.

SLAUGHTER COWS: Cutter and Boning Utility 1-2 30.50-32.75. Canner and Low Cutter 25.75-30.50.

SLAUGHTER BULLS: 1-2 1050-1750 lbs. 39.50-43.50, low dressing to 37.75.

St. Louis Feeder Cattle

Thursday, December 12
Report supplied by USDA

FEEDERS: Receipts around 1400. Feeder steers steady to firm, instances 1.00 higher on 450-550 lb. Calves. Feeder Heifers unevenly steady, instances 2.00-3.00 lower on 300-500 lb. calves. Increased percentage of fleshy small frame cattle. Good demand.

FEEDER STEERS: Medium with a few Large Frame 1: 300-500 lbs. 58.00-63.00, thin gaunt cross breds 65.00-67.00; 500-600 lbs. 58.00-65.00; 600-800 lbs. 58.50-62.75; 800-1000 lbs. 54.00-56.75. Mixed Medium and Small Frame 1: 300-500 lbs. 52.50-57.00; 500-600 lbs. 52.00-55.00. Large Frame 2 Holsteins: 400-850 lbs. 38.50-43.00; few Good grade 2-3 975-1350 lbs. 46.00-48.00.

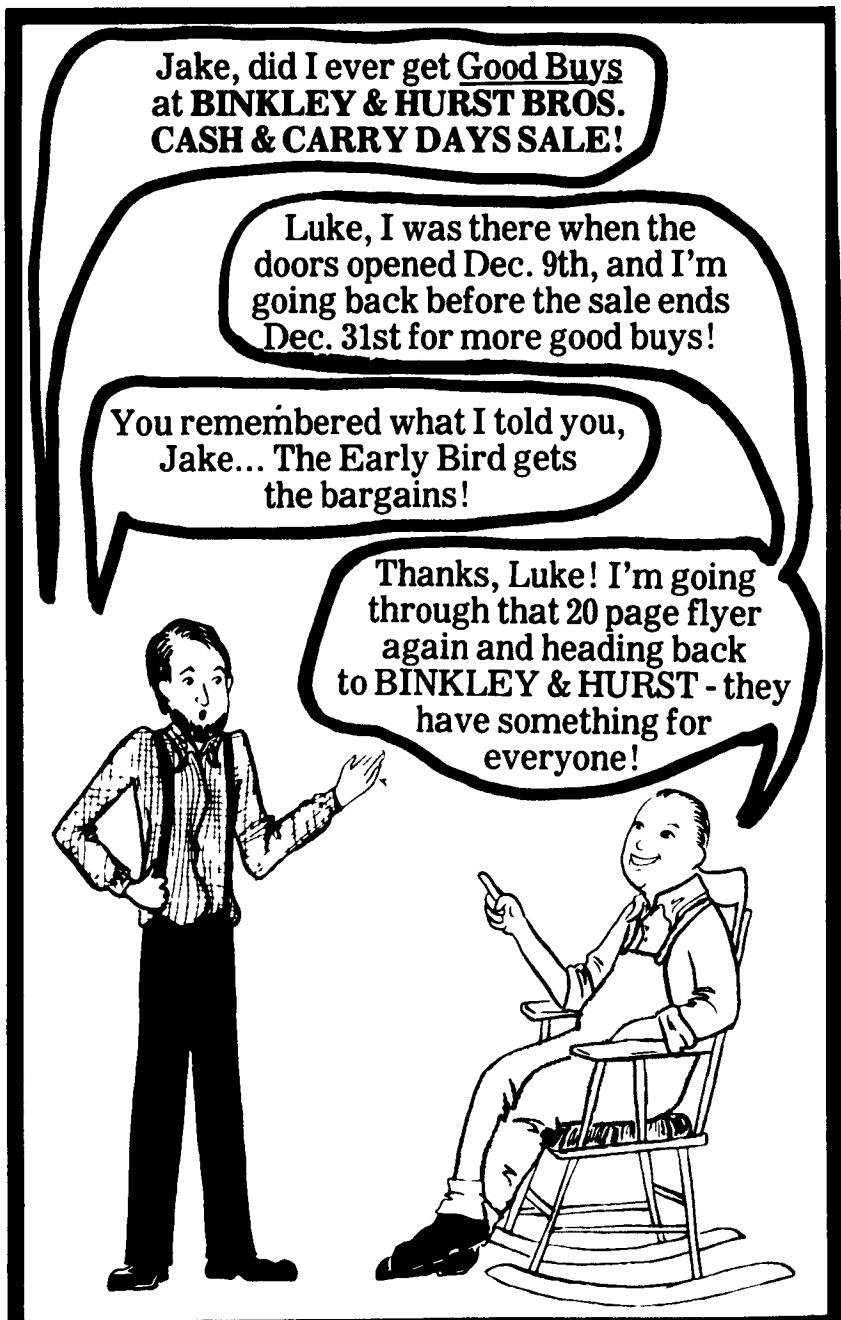
FEEDER HEIFERS: Medium with a few large frame 1: 300-500 lbs. 48.00-53.00, package thin gaunt 425 lbs. 55.75; 500-900 lbs. 50.00-54.25. Medium and Small Frame 1: 300-600 lbs. 45.00-48.25.

Keister's Hay & Straw

Keister's Middleburg Auction
Tuesday, Dec. 10
Report supplied by auction

45 loads of Hay; 7 Straw, 1 Ear Corn, 4 Oats.

Alfalfa, 66.00-72.50; Mixed Hay, 37.50-72.50; Timothy, 55.00-72.50; Mulch Hay, 20.00; Straw, 55.00-72.50; Old Ear Corn, 70.00; Oats, 1.10-1.25 bu.


Jake, did I ever get Good Buys at BINKLEY & HURST BROS. CASH & CARRY DAYS SALE!
Luke, I was there when the doors opened Dec. 9th, and I'm going back before the sale ends Dec. 31st for more good buys!
You remembered what I told you, Jake... The Early Bird gets the bargains!
Thanks, Luke! I'm going through that 20 page flyer again and heading back to BINKLEY & HURST - they have something for everyone!

BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 A.M. - 5 P.M.,
Sat. 7 A.M. - 11:30 A.M. Sun. Closed - Lord's Day

EVERGREEN TRACTOR CO., INC.

TRACTORS:

JD 4020 WF, dual outlets, new short block	SOLD
JD 3020 power shift diesel	$8,350
JD 2840, roll guard, sharp	$8,250
JD Model B Hi-Crops	$10,750
JD 1530D Tractor	$1,250 Each
JD 4230 Quad, Sound Guard	$8,750
(1) White 2-105 w/Roll Guard	$17,500
IH 240 w/Fast Hitch and 2B Plow	Make Offer
White 2-60 4WD w/Loader	$2,150
MF 30B Industrial	Make Offer
Oliver 1255 4WD Tractor w/Loader	$10,950
JD 4640 Tractor, P S 840 Hrs	$6,950
JD 730 Dsl Tractor, Roll-A-Matic, 3 pt, new engine	$32,500
	$3,850

TILLAGE:

JD 225 10' Offset Disc	$2,850
Dunham 14' Packer	$775
JD 2500 5x18" Spring Reset Plow	$2,850
JD 13x16" Plow, 3 Pt	$675
Oliver #565 4-15 Semi-Mounted Plow	$1,450
JD BWF 18' Wing Disc	$2,650
Brady 30' Field Cultivator	$5,450
JD F145 6x16 Plow	$1,850
JD F350 5x16 Plow	$2,450
Brady 12½' Field Cultivator	$1,750
IH 320, 10' Disc, 2	SOLD $1,250

GRAIN DRYERS:

New Farm Fans AB8 Auto-Batch Dryer MUST MOVE. CALL FOR PRICE (Dealer Inquiries Welcome)

HAY MACHINES:

JD 1209 Mower Conditioner w/Stub Guards	$3,850
JD 480 Mower Conditioners	SOLD $1,850
JD 410 Round Baler, Sharp	$4,350
NH 469 Mower Conditioner	$2,650
JD 14T Baler	$750
NH 479 Haybine	$3,850
Hesston Hydro-Swing Mower Conditioner	$2,750

PLANTERS & GRAIN DRILLS:

JD 20x6 Model B Plain Grain with Grass D.D.	$2,350
JD 8300 Bean Drill	$4,500
JD 7000 6 Row Planter	$6,350
JD 8 Row 7000 30" Planter	
JD 490 4 row Planter	$375
IH Model 620 12' Press Wheel Drill, like new	$4,850

SPECIAL
Demonstrator
55 h p JD 2350
Hi-Lo Shift
1 ONLY
Cash
$14,750

Coming in . . .
JD 4400 Diesel
Hi-Backseat Sharp
F145 4x16" Plow

HARVESTERS & FORAGE EQUIPMENT:

Fox Model 2000 Harvester w/2 Row Narrow & PU	$2,600
NH Super 717 Harvester	$2,450
NH P.U. Attachment	$575
(2) JD 5½' Pickup Attachment	
JD 5400 4 WD Harvester 3 Row 30" Row Crop & 7' Pickup	
NI 2 R Narrow Model 325 Pull Type Picker w/Grinder, like new.	$4,500
(1) John Deere 34 w/One Row Row Crop	$1,650 $950
(1) John Deere Three Row Row Crop Attachment, New Belts	$3,850

MISCELLANEOUS:

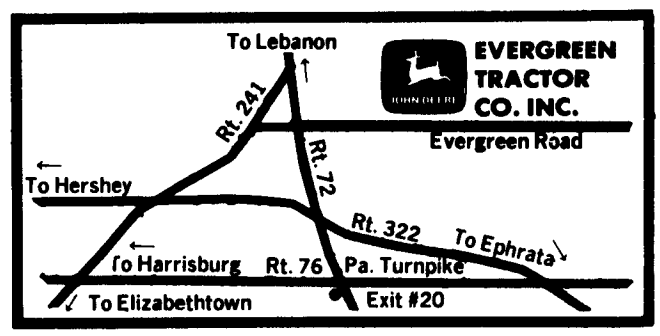
18.4x38 Direct Axle Dual Wheels	
14 9x38 Direct Axle Dual Wheels	
20 8x34 Direct Axle Dual Wheels	
Papec #880 Grinder Mixer w/Molasses Attach - Sharp	$3,950
IH 850 Grinder Mixer	$1,450
JD 6 Row 30" Rear Cultivator	$1,250
14 9x26 T-rail duals	
20 8x34 direct axle, less rubber	
NH 790 Tandem axle spreader	$4,250
NH 679 tandem axle spreader, hyd endgate	$3,850
NI Tandem Axle Spreader	$3,850
Better Bilt 1500 Gallon Tank Spreader	$3,450
NH #90 Bale Mover	
JD 534 Dozer Blade	SOLD $2,450

COMBINES & PICKERS:

NI 2RW, pull picker, nice, model 311	$2,350
6600 Combine, new gas engine	$6,950
JD 443 4 row 30" corn head	
NI 709 Uni System, hydro w/power rear asist	
818 combine 4R narrow head & 13' flex head Sharp	Price on Request
JD 6620 Side Hill Turbo Hydro w/15' Flex Head	Price On Request
JD 3300 Dsl w/Cab, 343 C H & Rotary Screen	Price on Request
#643 6 Row 30" Corn Head	
#244 2 Row Corn Head	

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES

(1) JD 2700 5-18" Plow with Cover Boards and Coulters, Cash Price $8,600



30 Evergreen Rd., Lebanon, PA, (717) 272-4641 or Toll Free 1-800-441-4450 Ext #6

Livestock market and auction news

Greencastle Livestock

Greencastle, Pa.
Monday, Dec. 9

CATTLE. 715. SLAUGHTER STEERS: Choice & Prime 60.50 to 63.50, few to 65.00; Good & Choice 54.00 to 58.00, few to 61.50; Good & Choice-Holstein 47.00 to 50.00, few to 51.50; Standard & Good-Holstein 38.00 to 45.00, few to 47.50.

SLAUGHTER HEIFERS: Choice 57.00 to 61.00, few to 62.75; Good & Choice 52.00 to 56.00, few to 60.50; Standard & Good 42.00 to 50.00, few to 53.75.

COWS: Utility & Commercial 35.00 to 38.25, few to 41.60; Cutter & Boning Utility 32.50 to 36.50, few to 38.10; Canner & Low Cutter 32.50 & down.

BULLS-ALL WEIGHTS: Yield Grade 1 44.00-48.75, few to 52.75; Yield Grade 2 38.50 to 43.00, few to 45.50.

STOCKER CATTLE–ALL WEIGHTS: Steers–Medium & Good up to 62.75; Heifers–Medium & Good up to 55.00; Bulls–Medium & Good up to 54.00; Steers–Holstein 36.00 to 42.50, few to 47.00.

CALVES 497. Good & Choice–125 to 250 pounds 75.00-86.00, few to 94.00; Medium & Good–125 to 250 pounds 55.00-72.00; Medium & Good–80 to 120 pounds 43.00-50.00; Light & Cull–all weights 43.00 & down; Holstein Bulls–return to farm up to 102.00; Holstein Heifers--return to farm up to 60.00.

LAMBS, SHEEP & GOATS 94. Choice Lambs 72.00 to 77.00; Medium & Good Lambs 60.00-68.00; Light & Cull Lambs 50.00-65.00; Sheep, Ewes & Bucks up to 24.50; Goats–all sizes (by head) 8.00-39.00.

HOGS 135. No. 1-3 Butcher Hogs–190-225 pounds 47.75; No. 1-3 Butcher Hogs–225-250 pounds 47.75; No. 1-3 Butcher Hogs–250-300 pounds 42.00 to 44.50; Good Butcher Sows–400 pounds down 36.00 to 42.50; Good Butcher Sows–400 pounds up 37.50 to 41.00; Heavy Boars–over 300 pounds 30.00 to 31.50; Pigs–all sizes (by head) 10.00-36.00.

Sale every Monday evening at 5:00 p.m.

Hay & straw sale every Monday at 1:00 p.m.

Keister's Livestock

Middleburg, Pa.
Tuesday, December 10
Report supplied by auction

CATTLE 416: Choice slaughter steers 61.50-65.25, Holsteins 55-57.60, Good 55-60.75, Holsteins 46-53.75, Standard 48.00-55, Holsteins 42.00-46; Utility 42.00-48. Choice slaughter heifers 57.00-59, Good 52.00-57, Standard 45.00-52, Utility 38.00-45...Breaking Utility & Commercial slaughter cows 35-38.35, one at 44.35, Cutter & Boning Utility 33.00-37, Canner & Low Cutter 27.00-33, Shells down to 25...Good slaughter bullocks 48-52.75...Yield Grade No. 1 1200-1945 lbs. slaughter bulls 46-50.75, #2 800-1200 lbs. 42.00-46.

FEEDER CATTLE: 350-700 lbs. steers 45-58.50...350-900 lbs. heifers 30.00-50...350-750 lbs. bulls 35.00-55.00.

CALVES 202...Choice vealers 80.00-92, Good 65.00-75, Standard & Good 90-110 lbs. 45.00-55, 60-90 lbs. 35.00-45...FARM CALVES: Holstein Bulls 90-125 lbs. 70.00-96.00.

HOGS 723...US No. 1 215-235 lbs. barrows and gilts 51-52.75, No. 1-2 2-240 lbs. 50.00-51, No. 1-3 190-250 lbs. 48.00-50, No. 2-3 190-270 lbs. 45.00-48...US No. 1-3 380-600 lbs. sows 37.00-42, few 45.00, No. 2-3 300-500 lbs. 35.00-37...Boars 34.00-42.00.

FEEDER PIGS 380...US No. 1-3 20-35 lbs. feeder pigs 20.00-35 per head, 35-50 lbs. 35.00-45 per head.

SHEEP 36...Choice 75-110 lbs. wooled slaughter lambs 65.00-75, few 115, Good 60-80 lbs. 55.00-65.00...Slaughter ewes 20.00-35.00.

Chambersburg Livestock

Chambersburg, Pa.
Thursday, December 12
Report supplied by Auction

CATTLE: 330. Sl. cows 1.25-2.25 lower; few Good steers 51.25-55.00; few holsteins 44.00-48.10; few Standard 42.00-43.75; cows Breaking Utility & Commercial 34.00-37.00; Cutter & Boning 31.50-34.50; Canner & Cutter 28.50-32.25; few YG No. 1, 1000-1635 lb. bulls 40.00-43.60.

FEEDER CATTLE: Few Med. No. 1, 370-820 lb. steers 47.50-56.00; heifers few Med. No. 1, 320-800 lb. 37.50-43.00.

CALVES: 451. Few Prime 105.00-109.00; Choice 76.00-94.00; Good 59.00-70.00; few 110-125 lb. Standard & Good 50.00-55.00; 70-110 lb. 42.00-49.00; holstein bulls 90-130 lb. 65.00-108.00, mostly 85.00-100.00; few heifers 90-120 lb. 45.00-50.00.

HOGS: 48. 1 lot US No. 2-3, 233 lb. 46.10; lot No. 2-4, 250 lb. 43.00; sows No. 1-3, 300-475 lb. 34.50-38.50.

FEEDER PIGS: 16. Lot No. 1-3, 50 lb. 36.50 per head.

SHEEP: 25. Choice 65-105 lb. 65.00-69.50; couple of new crop lambs 55 lb. 72.00 & 90.00.

GOATS: 3. Few small 16.00-28.00 per head.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, Dec. 7
Report supplied by auction

FEEDER CATTLE: Trend-Steady. STEERS: M&L-1 300-500 lbs. 58.00-64.50, 500-700 lbs. 58.00-64.00, 700-1000 lbs. 52.50-58.50. S-L&M&L-2 300-500 lbs. 56.00-60.50, 500-700 lbs. 50.00-57.50, 700-1000 lbs. 47.50-52.00. FEEDER BULLS: M&L-1 300-500 lbs. 56.50-61.50, 500-700 lbs. 50.00-55.50.

HEIFERS: 2.00-3.00 Higher. M&L-1 300-500 lbs. 47.00-54.00, 500-700 lbs. 47.00-55.50, 700-800 lbs. 48.50-54.75. S-L&M&L-2 300-500 lbs. 43.00-47.50; 500-700 lbs. 40.00-46.00.

STOCK COWS: Baby Calves 37.00-90.00.

SLAUGHTER COWS: Trend 1.00 Lower. Utility & Commercial 2-4 31.75-38.00; Canner & Cutters 1-3 27.00-32.25.

SLAUGHTER BULLS 1 & 2: 43.50-47.00.

LAMBS: Blue 0. High Choice & Prime 68.00; Red O. Choice 69.00; Feeder Lambs Choice 76.75-78.50; Slaughter Ewes 20.50-23.75.

HOGS: US 1-3 200-240 lbs. 47.00; Sows 1-3 38.00-44.00.

VEAL: Choice & Prime 67.00-70.50.

SLAUGHTER CALVES: Good & Choice 46.00-59.00.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, Dec. 10
Report supplied by Auction

Beef Cows: Utility and Commercial 35.35-37.25; Cutters 32.75-35.00; Canners 30.10-32.25; Shells 27.00 and low.

Heifers: Commercial 38.50-44.10.

Steers: Standard 46.50-49.10.

Bulls: Good 45.10-47.50; Standard 42.00-45.00.

Feeder Cattle: 300-500 lb. 50.50 & 54.50; 300-500 small frame 46.75-48.00; 500-700 lb. Large Frame 51.00-53.00; 500-700 small frame 42.00-46.00.

Veal Calves: Choice 72.00-85.00; Good 50.00-71.00; Standard 42.00-49.00; Utility 36.00-41.00.

Farm Calves: Bulls 80.00-94.00.

Heifers: 60.00-71.00.

Hogs: 46.50-52.00.

Sows: 36.00-37.50.

Boars: 29.00-31.50.

Shoats: 25-30 lbs. per head 12.00-20.00; 30-35 lbs. per head 21.00-26.00; 35-50 lbs. per head 32.00-40.00.

Sheep: 15.00-28.00.

Goats: 27 lbs. per head 44.00.

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High Yield Technologies...

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The exclusive Northeast distributor for W-L Alfalfas, the proven leader in alfalfas with multiple pest resistance and high yield potential

Hardy Brand® Hybrid Corns
Scientifically selected for adaptation in the Northeastern United States They have proven their potential for high yields, superior standability, and high tolerance to predominant disease on farms throughout this area

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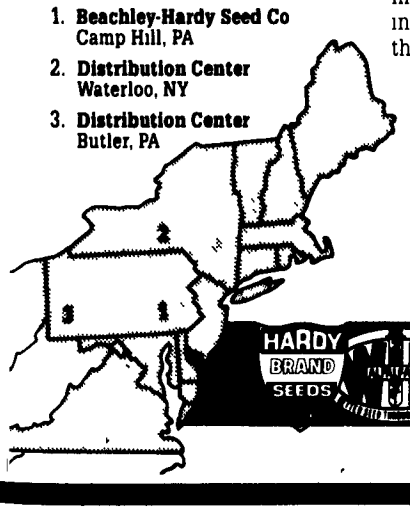
2. Distribution Center Waterloo, NY
3. Distribution Center Butler, PA



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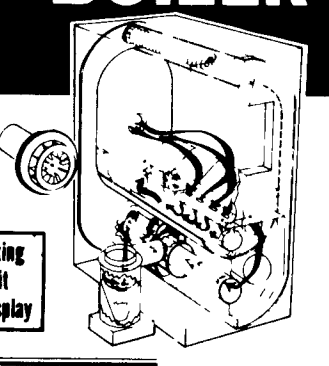

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Livestock market and auction news

Leesport Livestock Auction

Leesport, Pa.
Wednesday, December 11
Report supplied by PDA

CATTLE 388. Supply included 98 head of feeder cattle. Compared with last Wednesday's market slaughter steers & cows 1.00-2.00 lower. Few Low Choice to Average Slaughter steers 1100-1395 lbs. 58.25-64.00, Good 51.50-59.75, Choice holsteins 51.00-54.75, Good 44.00-48.25, Few Standard 40.00-46.50. Few Choice slaughter heifers 54.85-59.85, few Good 50.00-54.75, Few Standard 45.00-48.00. Breaking Utility & Commercial slaughter cows 34.00-37.00, few 40.25, Cutter & Boning Utility 31.50-34.50, Canner and Low Cutter 27.75-31.50, Shells down to 25.00. Few Choice slaughter bullocks 57.00-60.50, Good 52.25-57.25. Yield Grade No. 1 930-1875 lbs. slaughter bulls, 41.75-48.00 Couple 49.00, Few Yiled Grade No. 2875-1000 lbs. 37.75-40.50.

FEEDER CATTLE: Steers Medium Frame 335-745 lbs. 51.75-62.00, Heifers lot large #2, 645 lbs. Holstein 42.00; Bulls Few Medium Frame #1 550-670 lbs. 41.00-45.00.

CALVES 183: Few Good & Choice 68.00-72.00, few Standard & Good 110-125 lbs. 50.00-58.00, 70-105 lbs. 40.00-48.00, Utility 65-85 lbs. 30.00-38.00. FARM CALVES: Holstein bulls 90-125 lbs. 60.00-79.00, few down 50.00.

HOGS 382: Barrows & gilts 1.00-2.00 lower. US No. 1-2 220-240 lbs. barrows & gilts 47.00-48.25, No. 2-3 230-260 lbs. 44.00-46.75, No. 2-4 275-315 lbs. 42.50-43.50. Sows - US Nosd. 1-3 285-600 lbs. sows 33.75-37.00, couple 39.00. Boars 29.00-31.50, Couple 35.00.

FEEDER PIGS 220: US No. 1-3 Lot 25 lbs. Feeder pigs 110.00 per hundredweight, No. 1-3 30-40 lbs. 85.00-94.00, No. 1-3 45-75 lbs. 70.00-86.00, Couple Lots 100 lbs. 53.00 & 53.50 per hundredweight.

SHEEP 53: Couple Choice 30 & 45 lbs. New Crop Lambs 125.00 & 150.00, Mixed good & Choice 60-130 lbs. 60.00-71.00, Couple 85.00. Few Slaughter Ewes 12.00-30.00.

GOATS 9: Few Large 41.00-51.00 per head.

North Jersey Livestock

Hackettstown, NJ
Tuesday, Dec. 9
Report supplied by auction

Calves- 20.00-95.00.
Cows 25.00-39.25.
Easy Cows 10.00-31.50.
Heifers 27.25-43.75.
Bulls 35.00-49.00.
Steers 35.00-59.75.
Hogs 30.50-46.00.
Roasting Pigs, each 6.00-40.00.
Boars 32.00-39.00.
Sows 25.00-28.00.
Sheep 10.00-50.00.
Lambs, each 24.00-73.00.
Lambs, per lb. .55-1.09.
Goats, each 31.00-81.00.
Kids, each 21.00-64.00.
Hides, each 2.00-15.00.
Total 1416.

New Holland Dairy

New Holland Sales Stables
Wednesday, Dec. 11
Report supplied by auction

Reported receipts of 127 cows, 138 heifers, and 8 bulls.

Market stronger.

Load of Canada fresh cows, 700.00-1300.00 springers 725.00-950.00.

Load of PA fresh cows, 500.00-800.00.

Load of Canada fresh cows, 575.00-1200.00 springers 650.00-775.00.

Load of PA fresh cows, 635.00-1150.00.

Load of PA fresh cows, 700.00-1125.00.

Load of Wisc fresh cows, 700.00-900.00.

Load of NY fresh cows, 875.00-975.00.

Load of PA fresh cows, 825.00-1075.00.

Load of Canada fresh cows, 600.00-1035.00, springers 750.00-975.00.

Locally consigned cows 435.00-960.00.

Springing heifers 510.00-825.00.

Open heifers 260.00-435.00.

Bulls 385.00-800.00.

Indiana Livestock

Homer City, Pa.
Thursday, December 12
Report supplied by PDA

CATTLE: 317. Steers .50-1.00 lower; cows 1.50-2.00 lower; Choice steers 59.25-63.75; Good 54.50-59.50; Standard 45.50-54.25; Choice heifers 56.00-59.50; Good 50.50-56.50; Standard 40.50-48.00; cows Breaking Utility & Commercial 34.00-37.00; Cutter & Boning 31.25-37.75; Canner & Cutter 27.00-31.50; YG No. 1, 1200-1900 lb. 43.00-46.00; No. 2, 900-1350 lb. 38.00-42.00.

FEEDER CATTLE: Steers Med. Frame No. 1, 480-650 lb. 52.00-57.00; heifers Med. No. 1, 400-700 lb. 43.00-48.50.

CALVES: 194. Good vealers 65.50-70.00; Standard & Good 90-120 lb. 43.00-51.00; 60-85 lb. 40.00-44.00; holstein bulls 90-120 lb. 68.00-89.00.

HOGS: 137. 25.00-50.00 lower; No. 1-2, 210-260 lb. 47.00-47.50; No. 2-3, 220-250 lb. 46.50-47.00; sows No. 1-3, 380-600 lb. 37.00-42.50; No. 2-3, 350-630 lb. 34.00-37.50.

FEEDER PIGS: 82. 35-40 lb. 20.00-25.00; 45-55 lb. 35.00-41.00; all per head.

SHEEP: 15. Few Choice 80-85 lb. 55.00-58.00.

Valley Livestock

Athens, Pa.
Monday, December 2
Report supplied by auction

Holstein Hfr. Calves to 64.00.
Veal Calves 65.00-86.50.
Vealer Bull Calves 65.00-90.00.
Slaughter Calves 45.00-50.00.
Grassers & Feeders 32.00-40.00.
Lambs 65.00-73.00.
Sheep 25.00-32.00.
Hogs, 200 to 250 41.00-44.50.
Sows 36.00-39.50.
Boars 25.00-28.00.
Pigs, each 21.00-37.50.
Heifers 37.00-45.25.
Steers, 36.00-45.75.
Steers, feeder 38.00-58.00.
Bulls 38.00-43.00.
Cows, utility 35.00-37.75.
Cows, fat 34.00-37.00.
Cows, medium 32.00-34.00.
Cows, poor or small 25.00-32.00.
Cattle Market steady.
Calf Market steady.
Horses none.
Ponies To 65.00.
Goats, 12.00-50.00.

Remarks: Market Good on all Livestock.

Feeder Sale 1st Monday of Each Month.

Dairy Sale 3rd Thursday of Each Month.

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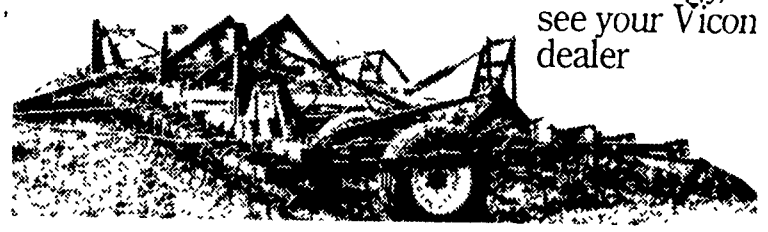

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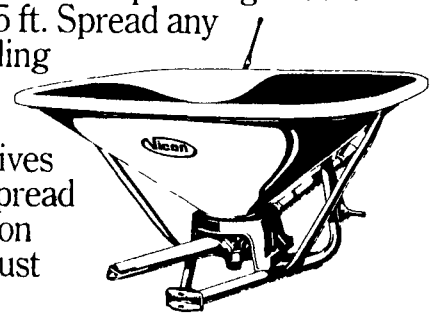

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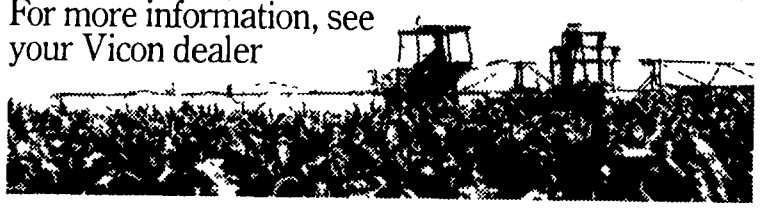
IT'S ALWAYS ON THE LEVEL.

Vicon's new Automatic Stabilizing (AS) spray booms make the ups and downs of chemical application a lot easier to take. The AS linkage system lets you set for flat land or hillside spraying and maintain a level, accurate spray pattern across the width of the boom. For more information, see your Vicon dealer



STOP BY THE

Vicon

DISPLAY AT THE 1985 MID-ATLANTIC NO-TILL CONFERENCE

WEDNESDAY, DEC. 18th
Main Exhibition Hall

MARYLAND STATE FAIRGROUNDS

Timonium, Maryland

Waters marks 25th year at Penn State extension

UNIVERSITY PARK — "Small-scale, large-scale, part time, and full time — we serve them all," says William K. Waters, Penn State associate professor of agricultural economics extension and area farm mangement agent based in Armstrong County.

Recently recognized for his 25 years of service in extension work, Water's chief responsibility is in farm management. "I help farmers use cash flow projections, farm analysis and clear record keeping to make management decision. We use a number of partial budgeting programs to project the profitability of change — changes farmers are thinking about or ones I think they should be thinking about to survive."

Most of the farms in Water's seven southwest counties are family-sized dairy farms (40 to 60 cows) but there are also some hog operations, a good many beef cow-calf, and a few beef feeding operations. Lately, some farmers have started supplemental small-scale vegetable operations for direct market income.

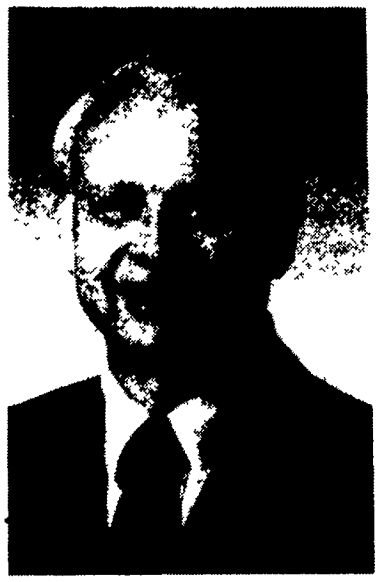
While some farmers in the region are changing the nature of their operations, others have left farming altogether. "Since I came in the 60s, I'd say we've lost about 40 percent of our farmers, most of whom were farming marginal land. But production is not really the issue in our counties. It's economic efficiency."

Scale back, is Water's message to most. "The price of major farm imputs — fuel and feed — are coming down, but so are market prices. Only producers who bring their operations in line with labor and land productivity are going to show a profit. In fact some that do may actually have a better margin next year even though their revenue is less."

Waters arrives at his projections by computer. "The whole issue of farmers having computers has been blown out of proportion. Really, its a tool for agents and financial counselors. Of all the work I've done, I'm proudest of my work in production cost analysis," says Waters.

In 1968 he teamed up with Joseph McGahen, professor of agronomy at Penn State, to design a program which computes the cost of corn production. They do about 160 to 180 individual budgets a year.

"Farmers give us the data and we calculate their costs. In 1977 I teamed up with John Baylor (recently retired Penn State professor of agronomy) to develop a similar program for alfalfa production. Farmers give us their



William K. Waters

production data, our county agents measure yields and then the program gives the cost of production. I think it's the only alfalfa cost program in the country."

He's now developing software on the Mac and has already published a program on calculating the ownership and operating costs of farm machinery. "When you've been hacking away for 25 years, it's sometimes hard to say what's your best work."

Waters spend his first five years as a county agent for the Penn State Cooperative Extension Service in Armstrong County. "I'm an area agent now but I have an academic appointment in the Department of Agricultural Economics and Rural Sociology. There are about five of us left under the old system.

Waters has also been a fieldman for the Inter-State Milk Producers and he received his bachelor's degree in general agriculture and master's degree in agricultural economics, both from Penn State.

Has he a life outside of extension? "You bettcha. Vegetable gardening has always been a favorite of mine and I have a special interest in railroads — not model railroads — I'm more interested in the history and operation of old railroads. I also like trout and bass fishing, although I'm not into tying my own flies yet."

Waters served on the Armstrong County Sewage Authority Board for about 10 years and was at one time, heavily involved in church work. "Right now, I'm kind of free of community work, it comes and goes. Now it's nice to have some time for my family.

He and his wife Carolyn live in Ford City with their 12 year old son, Bill. His older son, Tom, is a teacher of horticulture in a vo-tech school in Stubenville, Ohio and his daughter, Tricia, is a LPN in Columbus, Ohio.

Wheat farmers to receive $1.5 billion in payments

WASHINGTON — Eligible wheat farmers will receive approximately $1.5 billion in deficiency payments for the 1985 crop, a U.S. Department of Agriculture official said.

Everett Rank, administrator of the U.S. Department of Agriculture's Agricultural Stabilization and Conservation Service, said deficiency payments of about $150 million and $10 million, respectively, will also be made to eligible barley and oat producers for this year's crops.

Rank said that about $700 million has already been received by wheat producers and $63 million by barley producers who requested advance payments.

Deficiency payments are required under the 1985 wheat, barley and oat programs because average market prices received by farmers during the first five months (June through October) of the marketing year were below established target price levels of $4.38 per bushel for wheat, $2.60 per bushel for barley, and $1.60 per bushel for oats.

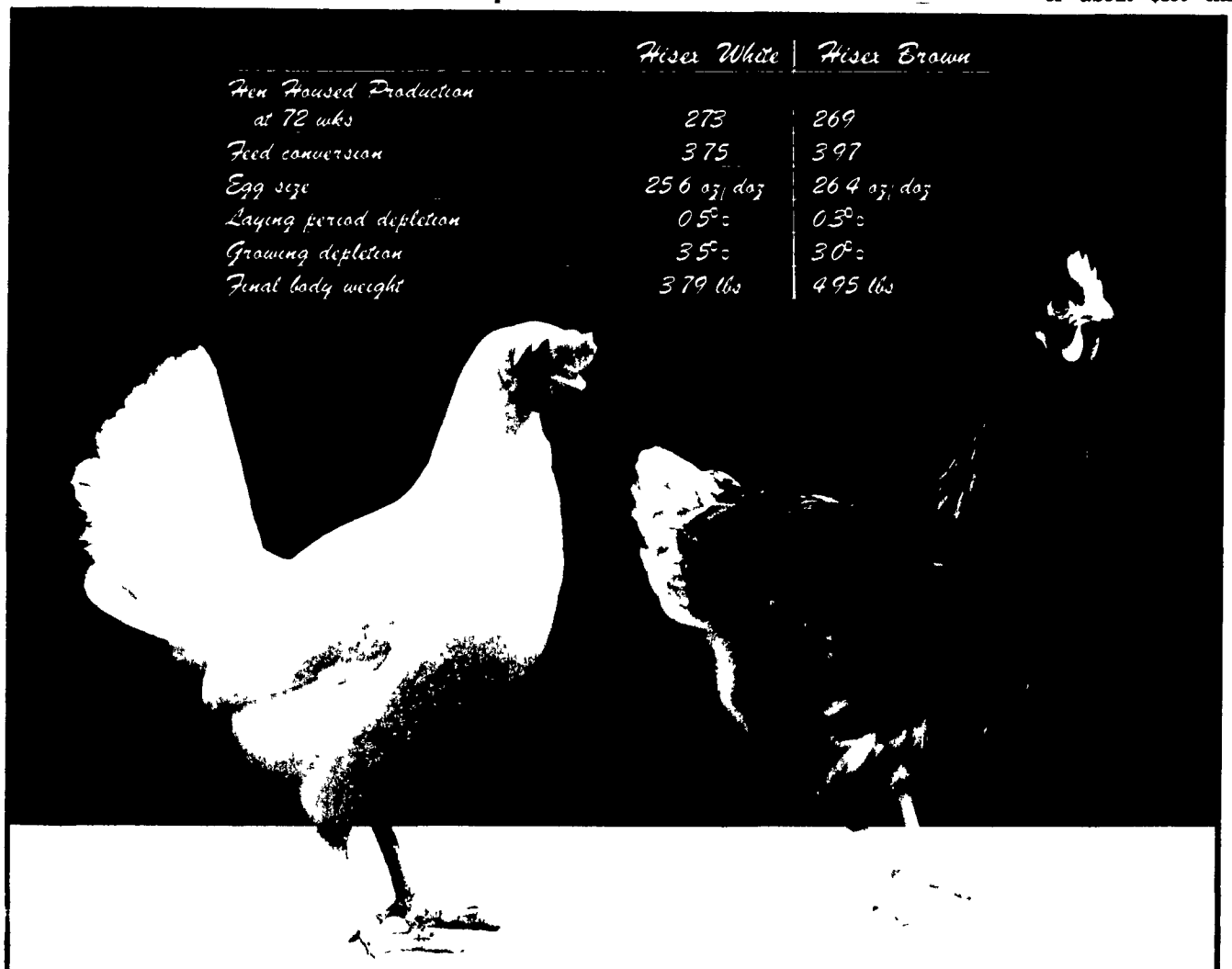
The deficiency payment rate is based on the difference between the established target price and the higher of either the national weighted average market price for June through October or the national established loan rate.

National weighted average market prices for the first five months of the 1985 marketing year were $2.99 per bushel for wheat, $2.00 for barley, and $1.26 for oats.

Eligible wheat producers will be paid a deficiency payment rate of $1.08 per bushel for their 1985 crop, based on the difference between the $4.38 target price and the $3.30 loan rate. The eligible barley producers' deficiency payment rate will be $.52 per bushel, based on the difference between the $2.60 target price and the $2.08 loan rate. The eligible oat producers' deficiency payment rate will be $.29 per bushel, based on the difference between the $1.60 target price and the $1.31 loan rate. The deficiency payment rates for all three crops are the maximum permitted by law.

Deficiency payments of $.54 per bushel for wheat and $.22 per bushel for barley were paid to producers who requested an advance.

Rank said final wheat, barley and oat payments will be issued through local ASCS offices as soon as possible after Dec. 10.



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Mid-Atlantic No-till slated for Wednesday

(Continued from Page A1)

Farm Journal staff economist to speak on the effect the new legislation would have on grain marketing.

But since the bill was still in conference this week, and seems destined to go into 1986 unpassed, Dr. Marten will be focusing his remarks on the overall farm situation. As Nelson noted, however, the debates and related Farm Bill activities have provided ample grist for Marten's comments.

A native of central Illinois, Dr. Marten holds degrees in agricultural economics from Iowa State and Purdue universities, and owns more than 1,000 acres of farmland in the cash grain area of Indiana and Illinois.

The theme for this year's twelfth annual Mid-Atlantic No-Till Conference is "No-Tillage–A Best Management Practice." Some 53 commercial exhibitors will be on hand.

In line with the theme, the first three morning program topics are related to manure management and groundwater quality. Topics and speakers are as follows:

• "Managing Animal Manures as a Resource"--Stuart D. Klausner, Extension agronomy specialist at Cornell University;

• "Manure Management on No-Till Corn and Alfalfa"--Dr. Douglas B. Beegle, Extension agronomy specialist at Penn State;

• "Groundwater Quality and Manure Management"–Patricia L. Lietman, hydrologist at Harrisburg, Pa., for the U.S. Geological Survey.

These will be followed by a presentation on managing hard-to-control weeds in corn and soybeans and another on "No-Tillage Insecticides for the 1990s." Dr. Marten's talk on grain marketing will wind up the morning session.

The afternoon session will offer opportunity to visit commercial exhibits in the 4-H and Home Arts building on the fairground or to meet morning program speakers in a "Quiz the Experts" session at nearby Exhibition hall.

Tickets for the noon luncheon are available at $3 each from county offices of the Cooperative Extension Service in Maryland, Delaware, New Jersey, Pennsylvania, Virginia and West Virginia. They must be purchased in advance of the meeting–and not later than Dec. 6.

Early arrivals will have opportunity for visiting commercial exhibits in the fairgrounds 4-H and Home Arts building, beginning at 8 a.m., before the morning program session gets under way at 9 o'clock. Free coffee, milk and doughnuts will be served by older Maryland 4-H members from Baltimore and Carroll counties.

The Maryland state fairground–site of this year's twelfth annual six-state no-till conference–is located in the 2200 block of York road in Timonium, north of Baltimore.

For easy access from southern points, drive three miles north of the Baltimore Beltway on U.S. highway I-83. Turn off at exit 16A, make a left turn onto York road, and another left at the fairground's north gate.

If coming from the north on U.S. highway I-83, turn off at exit 17A and make a right turn onto York road. Proceed two-thirds of a mile and make another right turn at the fairgrounds north gate–near the 4-H and Home Arts building.

CCC loan rate lowered

WASHINGTON – Commodity loans disbursed in December by the U.S. Department of Agriculture's Commodity Credit Corporation will carry a 7-7/8 percent interest rate, according to the CCC Executive Vice President Everett Rank.

The new rate, down from 8 percent, reflects the interest rate charged CCC by the U.S. Treasury in December, Rank said.

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Timonium, Maryland

8 a.m. — Commercial Exhibits open; coffee and doughnuts served by Baltimore and Carroll County 4-H

9 a.m. — Morning Session

Speakers:

"Managing Animal Manure as a Resource"
Stuart Klausner, Cornell University

"Manure Management: No-till Corn and Alfalfa
Douglass Beegle, Penn State University

"Grolund Water Quality and Manure Manure Management"
Pat Lietman, U.S. Geological Survey

"Managing Hard to Control Weeds in Corn and Soybeans"
Scott Hagood, Virginia Polytechnic Institute and State University

"No-tillage Insecticides for the '90's"
Lee Hellman, University of Maryland

"Marketing Grain under the Farm Bill"
John F. Marten, Staff Economist, Farm Journal

1:30 p.m. — Afternoon Session.

"Quiz the Experts" - featuring panel discussion with participants in the morning session.
Lynn Hoffman, presiding.

4 p.m. — Adjourn

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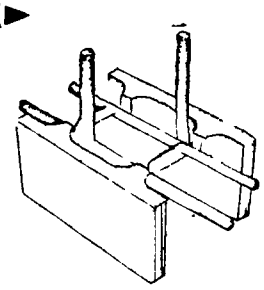

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Chore-Time develops alternative to chain feeding for poultry

* MILFORD, Ind. – For many years, the caged layer industry has looked for an economical alternative to the chain feeder. With the release of the new ULTRAFLEX™ Cage Feeding System by Chore-Time Cage Systems, the industry may now have that alternative.

According to David Newman, general manager of Northeast Agri Systems, distributors of Chore-Time Cage Systems in the Northeast, the new ULTRAFLEX System is designed for use with caged layers and brood-grow systems. The unique system delivers feed to the birds in cage rows up to 600 feet in length by using a round, flexible steel auger pulled through the feed trough by a sprocket drive. The "coreless" auger permits easy access to the feed–even for poorly debeaked birds. The auger also helps guard against the bird's natural instinct to bill or pile feed in the trough, which can cause feed to spill out and be wasted.

The ULTRAFLEX cage feeding system developed by Chore-Time cage System and distributed in this area by Northeast Agri Systems.

"Actually, the ULTRAFLEX was designed for several reasons, with differences in feed formulations being the primary consideration," Newman noted. "The system quickly moves fresh feed around a continuous circuit at 80 feet per minute without feed separation, roll back or skipping. The auger speed also prevents birds from selectively eating or 'high-grading' the feed as it passes by them."

"The system is simpler to operate than most other systems and is easily adaptable to most existing cage systems. ULTRAFLEX is also more forgiving of factors such as feathers and corn cobs in the feed and house managers who will not tend to and adjust equipment," he added. And, the ULTRAFLEX auger glides around corners in heavy duty galvanized steel elbows eliminating the need for power shoes, corner wheels, wear plates, or shear pins. Both the ULTRAFLEX auger and 20 gauge high tensil steel feed trough feature a five-year warranty.

The ULTRAFLEX System also uses Chore-Time's advanced microprocessor time clock to provide various features, Newman pointed out. "The feeder's running time can be set to the second, matching the exact time it takes the feeder to move feed completely around the cage row. The clock can also be set to provide one or more "stimulation cycles" between feedings. Each stimulation cycle allows the ULTRAFLEX to run 10 seconds, moving the auger to stir feed and stimulate birds to eat between feedings.

Newman also notes that while the system has just been released by Chore-Time, the ULTRAFLEX System has been tested on poultry farms for over five years with several million birds being fed on systems already installed in the United States, Canada and Europe. During the past year Northeast Agri Systems has sold and installed several ULTRAFLEX Systems in Pennsylvania, Virginia and New Jersey and currently has more installations in progress.

* Article appeared in Nov 16, 1985 issue of Lancaster Farming

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CHORE-TIME

Holstein Assn. adopts new ranking formula

BRATTLEBORO, VT — The Board of Directors of the Holstein Association recently approved changes in methods of calculating two basic breeding tools to improve genetic ranking of cows and bulls: the Total Performance Index (TPI) and the Predicted Difference for Type (PDT).

The Board endorsed a recommendation of the Genetic Advancement Committee to implement a new TPI formula based on protein and fat yields, plus type, in a 2:2:1 ratio. New TPIs using this formula will be reported on animals as a result of the sire summary run of July, 1986.

The new TPI rankings will realign genetic values to reflect the demands of domestic and international markets. In these markets, there has been a shift from fluid milk pricing to component yield pricing. This, along with an increase in the numbers of dairymen on protein testing programs, indicated the need for a change in the calculation of animal total performance indexes to help Holstein dairymen compete in the marketplace.

The Total Performance Index, introduced by the Holstein Association in 1976, has found broad acceptance among dairymen as a primary screening tool for sire and cow selection. TPI provides a single industry standard for uniform comparison of animals across a wide range of management and economic conditions.

TPI values are calculated from production and type trait indexes on registered animals and are listed in the performance files of the Association.

Holstein Association's Board of Directors approved the use of first record classification scores (closest to 30 months of age) in the BLUP-PDT evaluation procedures for the July 1986 sire summary run. Currently, PDTs are based on cows' most recent classification scores. BLUP is a statistical procedure which permits the ranking of bulls for transmitting ability of functional type, taking into account genetic trend and the genetic level of herdmates.

Research conducted by the Holstein Association, in cooperation with the University of Wisconsin, shows first lactation classification scores are a better standard of comparison.

Research results demonstrated a dramatic improvement in the ability of pedigree indexes, based on first records, to predict the actual PDTs of bulls. Researchers, however, recognized the importance of durability measurements based on information collected later in the cow's life. While first records do not measure an animal's longevity, and early estimate of conformation may be useful in predicting the durability of a bull's daughter. Studies are being conducted to develop a measure of durability.

A high percentage of breeding and genetic decisions is currently made on first lactation information, i.e., whether a bull should go into A.I. service. Last records tend to compare relatively unselected younger cows with highly selected older cows. Consequently, the most recent classification records tend to favor older bulls, bias downward young bulls and inhibit the estimate of genetic trend for final score.

Action by the Holstein Association Board to improve PDTs and TPIs should help breeders achieve higher success with genetics in their herds. The use of first lactation classification scores in PDT calculations is expected to stabilize bull proofs, enhance herdmate comparisons and improve accuracy of proofs on young sires. Revision of the TPI formula, to include component yields, will more nearly reflect the national breeding goals of the industry. In the end, these improved breeding tools will give dairymen the means to achieve greater profitability of their animals.

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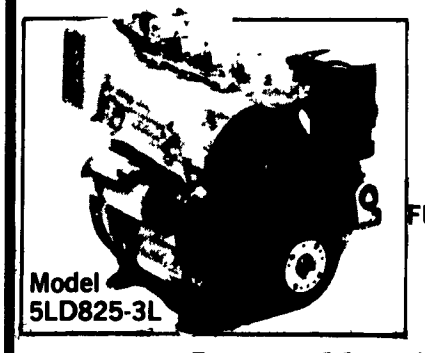

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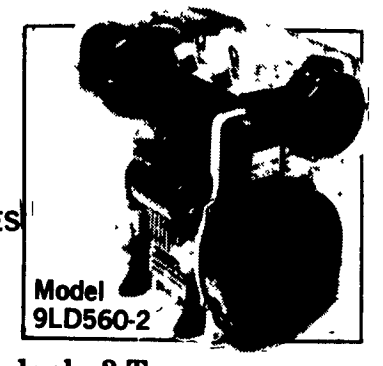

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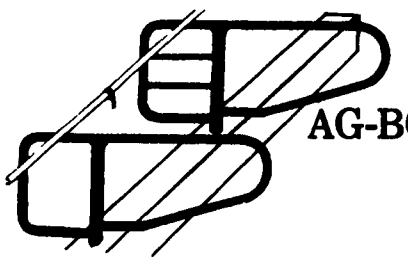

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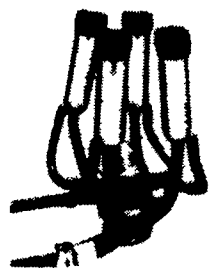

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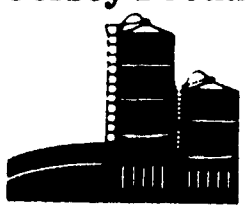

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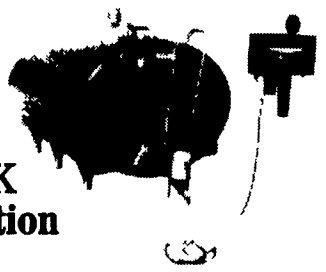

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Congress staying late

(Continued from Page A1)

liquidate loans if necessary. The FCS-CC could require a troubled unit to sell "non-performing" loans to the corporation before receiving financial assistance.

– Assist FCS institutions in restructuring, refinancing, or guaranteeing loans of their member-borrowers, or participate with those institutions in holding non-performing loans at the local level.

– And, finally, receive and administer aid coming from outside the System.

To finance its activities, the FCS-CC could:

– Draw funds from other System institutions by steps including required stock purchases under guidelines set by the Farm Credit Administration. The power to draw on resources of other System units would be limited by provisions stating that (a) - The FCS-CC could not require other units to dip into the stock, participation certificates and allocated equities held by their member-borrowers as a contribution to the new central aid fund, and (b) - the FCS-CC's levies could not reach a point at which the financial viability of local institutions would be imperiled, or at which local institutions would be left unable to make credit available to borrowers on reasonable and competitive terms. The FCS-CC, in drawing resources from System units, would have to take into account factors including the impact these transfers would have on loan interest rates which contributing units charge their own borrowers and the effect of financial aid which has already been provided by some System units to weaker parts of the system.

Stronger Independent Regulation

The Farm Credit Administration, (FCA), an existing federal agency which supervises FCS activities, would be reorganized and strengthened. The FCA would abandon past practices which amount to day-to-day participation in management of System activities and would become an arm's-length regulator like other similar federal agencies. It would have new powers including authority to issue-cease-and-desist orders to System institutions and power to issue regulations to insure that borrowers get full information about their loans.

Borrower Rights

Provisions of the bill aimed at borrower protection would:

– Require System institutions to disclose to borrowers, in the case of variable rate loans, the amount or frequency of permissible rate changes and factors to be used in determining changes.

– Require that borrowers be given written notice of action on loan applications including explanations of any denials, power to require that borrowers who are turned down be given the right to appeal, and power to require written notice of actions by System institutions to retire or cancel borrower stock.

– Require that System institutions provide borrower-stockholders, on request, with copies of documents relating to their loans.

-- Provide that where stockholders of a local association or associations fail to agree to a merger creating a new district-wide association, the FCA could not grant the newly created unit a charter allowing it to operate in the territory of the non-merging unit or units. Any such "overlay" authority granted by FCA in 1985 would be revoked.

Additional Federal Backup

To protect the stability of the Farm Credit System if weakness in the farm economy stretches its own resources to the danger point, the bill provides a mechanism for discretionary backstop aid from the federal government. Under this section of the bill, the Farm Credit System would be given treatment similar to that already provided by law for other federally-chartered financial institutions.

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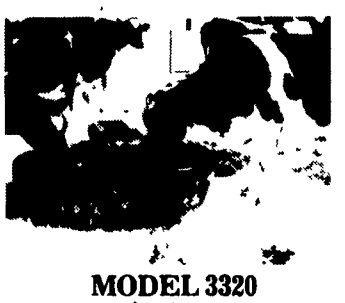

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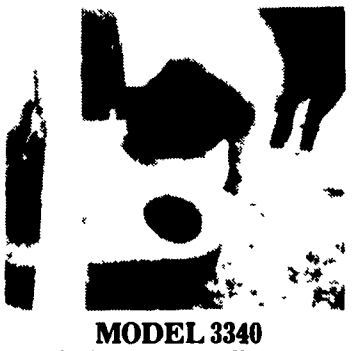

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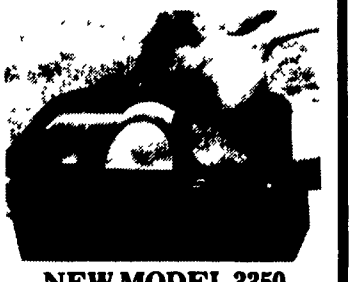

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Sheep

(Continued from Page A1)

present time, lamb entrees may be coming out next year, says Darazsdi.

Why all the fuss about lamb? Darazsdi traces the company's interest in lamb to February of this year when the Timberville facility was purchased. Since the plant provided more floor space than Rocco needed for its poultry operation, the company began to explore other means of bringing it up to capacity. After conducting an economic analysis on processing red meats, Rocco concluded that lamb provided the best opportunities for turning a profit.

"Lamb is quite low in cholesterol and fat," Darazsdi points out, noting that such a product is right for the times. "Based on the market research that we've conducted, people don't associate lamb with red meat," he adds. Moreover, about 80 percent of the nation's lamb production is consumed in the Northeast, says Darazsdi.

Much of the company's success can be attributed to its responsiveness to consumer demands. What makes Rocco's lamb venture particularly appealing to producers, says Darazsdi, is that the company has already established a market.

Compelling evidenced for the existence of this market is the fact that Rocco did not slaughter its first lamb until August of this year. Rocco is currently processing 3,000 lambs a week and intends to bring the plant up to capacity at 10,000 a week.

How much of this production will come from Pennsylvania? "If we could get to 500 a day with Pennsylvania, that would probably satisfy our needs," says Darazsdi. The 125,000 Pennsylvania lambs slaughtered annually would yield 13,750,000 pounds of meat, according to the Rocco executive. At 70 cents a pound, that's a $10 million shot in the arm for the Keystone State's sheep industry.

"I think there's a tremendous potential in Pennsylvania for an increase in sheep production," says Rocco's lamb procurement manager Dennis Miller, pointing to the state's healthy forage base and abundant rainfall. "But I'm just not sure that our management's there yet," he cautions. "If we're going to be successful, then we've got to get serious about producing lamb in this country."

And "getting serious" translates to providing a product that the consumer wants, Miller emphasizes. What the market wants is a 110-pound lamb says Miller, basing his estimate on a 50-percent dressed weight, yielding a 55-pound carcass. The market demands lean, uniform carcasses, and freshness is a must, he adds.

Top quality is absolutely essential, Miller says, and Rocco will be paying a premium for the right stuff. "We're the only plant in the country slaughtering lambs on a yield grade basis," he says. "We can't slaughter ram lambs, and we don't like to slaughter lambs with tails," he adds. The company prefers lambs with number-one pelts grown back to 5/8-inch of wool.

In order to provide the steady, year-round supply of lamb so crucial to the success of this marketing venture, ewes capable of out-of-season breeding and multiple births must be utilized, says Miller.

Will the intensive management and large lamb numbers required for this program spell the end of the independent producer? Jim Darazsdi doesn't think so. "I certainly think there's room for the small, independent producer," says Darazsdi, pointing out that Rocco grows only about 60 percent of the turkeys it slaughters. The company, in fact, does not want to own all its ewes, he stresses. "We're talking about tens of millions of dollars in investment," Darazsdi estimates. "I think it can be managed better if handled by independents."

But the program won't be for everyone, stresses Penn State Extension sheep specialist Clair Engle. Producers must be willing to fine-tune their management practices if they plan to step into sheep production's fast lane. To meet Rocco's projected requirements, Pennsylvania ewe numbers will have to be doubled, Engle estimates.

Quoting figures from a 1982 Pennsylvania sheep producer survey, Engle points out that the state-wide lambing rate of 1.42 lambs per ewe hardly reflects conscientious management. "We should be looking at at least a 175-percent lambing rate, and we ought to be weaning 160 to 165 percent of the crop." (The 1982 weaning rate was 1.17.)

Despite the lure of increased profits, Engle doesn't expect Rocco's venture to generate many new farming operations. "The impact it's going to have is as an alternative for existing farms," he speculates. "Like it or not, there's going to be a decrease in dairy farming," Engle points out, adding that sheep production will enable some dairymen to pick up the slack.

Tuesday and Wednesday's forum included a panel discussion of the formation of a Sheep Industry Development Council. In dealing with industry growing pains, the council will provide a team approach, with representation from industry, educational institutions, government and financial institutions, Engle said. The Extension specialist hopes that the council will be functional by mid-April, when the Pennsylvania Sheep and Wool Growers will hold its annual meeting.

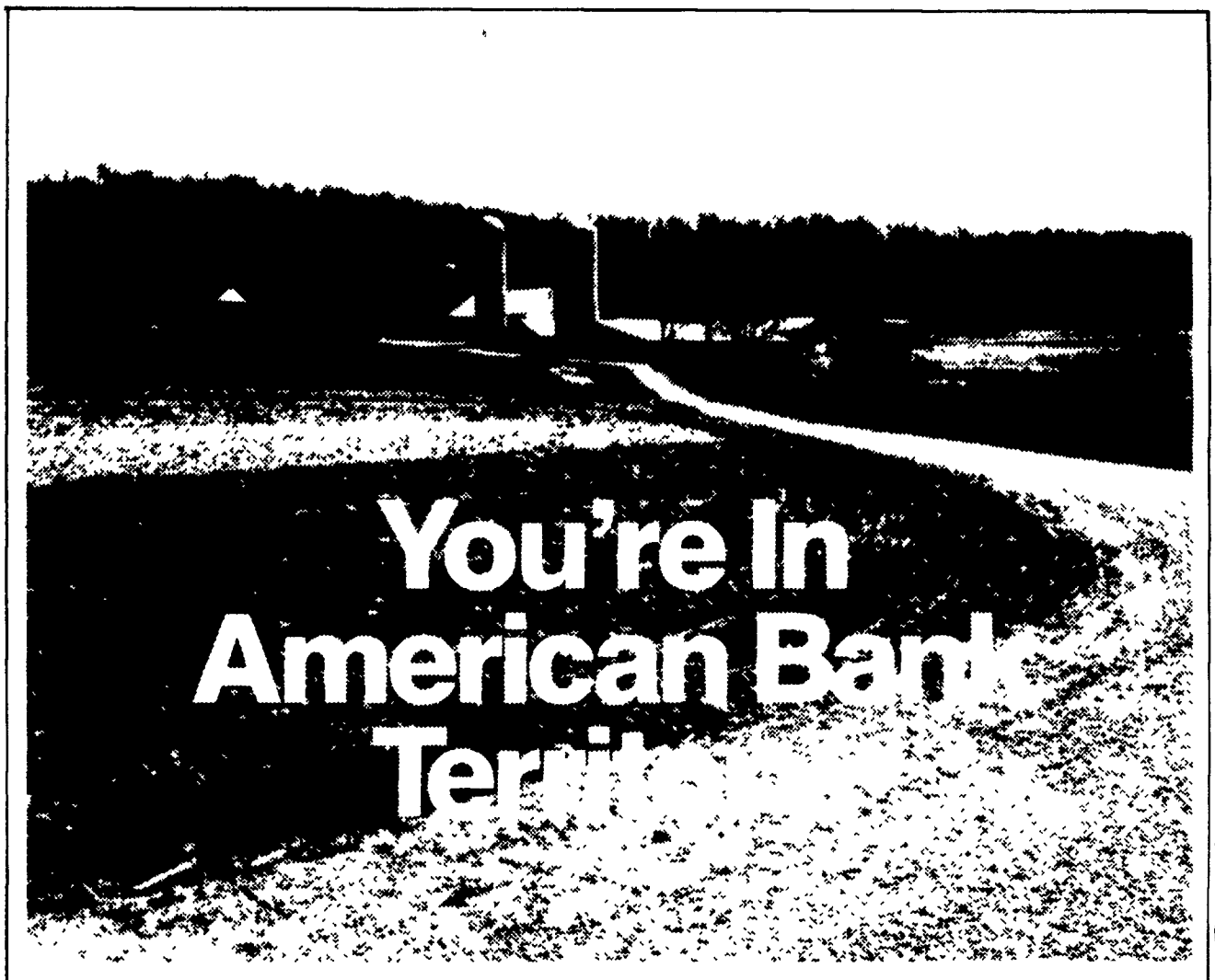
Del. group seeks soybean projects

DOVER, DE – The Delaware Soybean Board has announced it is seeking project pre-proposals for 1986. Soybean research projects and proposals dealing with market development will be accepted by the Delaware Soybean Board until January 15, 1986.

At that time the pre-proposals will be reviewed and the Board will request further details on projects to be considered for possible funding. A final decision on projects will be made by the Board by the end of February.

The Delaware Soybean Board funded 13 projects totalling $24,200 in 1985. Projects included determination of the cause of a new disease affecting Delaware soybeans, weed control in soybeans, and variety testing to combat the soybean cyst nematode.

Persons wishing to submit project pre-proposals shoud contact William Sammons, Jr., at the Delaware Department of Agriculture, 2320 S. duPont Highway, Dover, De 19901 for more information. Pre-proposals must be submitted by January 15, 1986.



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Unveils plans for new computer

Lancaster DHIA honors top members, supervisors

BY SUZANNE KEENE

LANCASTER — The Pennsylvania Dairy Herd Improvement Association has purchased a new computer that will allow its 6,500 members to more easily access their records, DHIA administrative assistant Raymond Pruss told dairymen at the Red Rose DHIA banquet this week.

With the new computer, which is expected to be available to DHIA dairymen in June, DHIA members with home computers will be able to plug into the main frame computer any time of day to check their records.

"We can handle 200 phone calls simultaneously," he said.

DHIA members interested on setting up the program on their home computers will be able to get help from a DHIA employee, Pruss said. The benefit to dairymen without computers, he added, is that they will receive their reports more promptly.

Under the current system, dairymen receive a monthly management report in the mail. By getting that report earlier, the dairyman will be able to make changes that will benefit his dairy herd.

In a related interview earlier this month, DHIA general manager Dick Barth said the purpose in installing the computer is to provide on-line data processing to the farmer and to deliver better management tools to DHIA members.

The $300,000 IBM computer was delivered to the Penn State University campus this week and should be fully installed by Jan. 15, Barth said. However, he added, the computer will not be available to DHIA members until later in the year, after the old computer programs have been converted into a new language for use in the new system.

Barth said that during the first six months of 1986 DHIA will be working to convert the old programs to a new language that will make updating programs easier. And, he continued, once the current programs are converted and DHIA members are benefitting from calling up their management reports on their home computers, DHIA will work to develop new programs that will provide its members with new information.

"These new programs will provide different and new information to the dairyman than he has ever had before," Barth said.

Improved feed recommendations is one of the options possible with the new computer, Pruss said. The computer, he explained, will be able to calculate recommendations based on exactly what the dairyman is feeding.

Other possible options include a herd health program, a young stock program and a genetic inventory through which DHIA members will be able to pull out genetic information on a particular cow.

"The future is the options that you want," Pruss said, stressing that DHIA needs to know what options its members are interested in.

Red Rose DHIA Awards

The annual meeting also offered a time to recognize outstanding Red Rose DHIA members and supervisors.

A host of certificates and awards went to Red Rose DHIA members who had outstanding production records in 1985.

Receiving awards for high milk herds, by breeds, were: James Martin, R1 Stevens, Ayrshire; Richard Wenger, R2 Manheim, Brown Swiss; Kenneth B. Garber, R2 Willow Street, Guernsey; John H. Howard, Willow Street, Holstein; Paul H. and Marvin Herr, R1 Holtwood, Jersey; J. Douglas Marsh, Nottingham, Milking Shorthorn; and Leon N. Sensenig, R2 Quarryville, mixed.

John Howard received special recognition for having the top fat herd, recording 23,730 pounds milk and 858 pounds fat on 43 Holsteins.

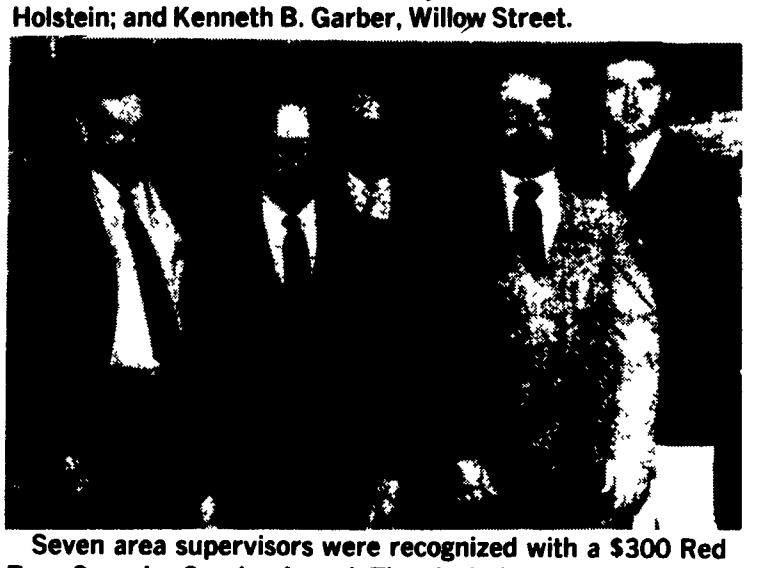
The county's top 10 protein production herds belonged to Ra-El Holsteins, Ephrata, 656 pounds; Robert L. Kauffman Jr., Peach Bottom, 657 pounds; Jonas E. Stoltzfus, Gap, 668 pounds; John and Barbara Brubaker, Christiana, 672 pounds; Dale and Steve Hershey, Manheim, 678 pounds; D. Lamar Witmer, Manheim, 678 pounds; J. Mowery Frey Sr., Willow Street, 689 pounds; Fertrell Farm, Bainbridge, 699 pounds; Benuel Z. Lapp, New Holland, 718 pounds; and John H. Howard, Willow Street 753 pounds.

Dairymen with herds with somatic cell counts of 100,000 or less received awards for their clean milk. They were Jacob G. Esch, Ronks; Curtis E. Akers, Quarryville; and Eby W. Burkholder, Ephrata.

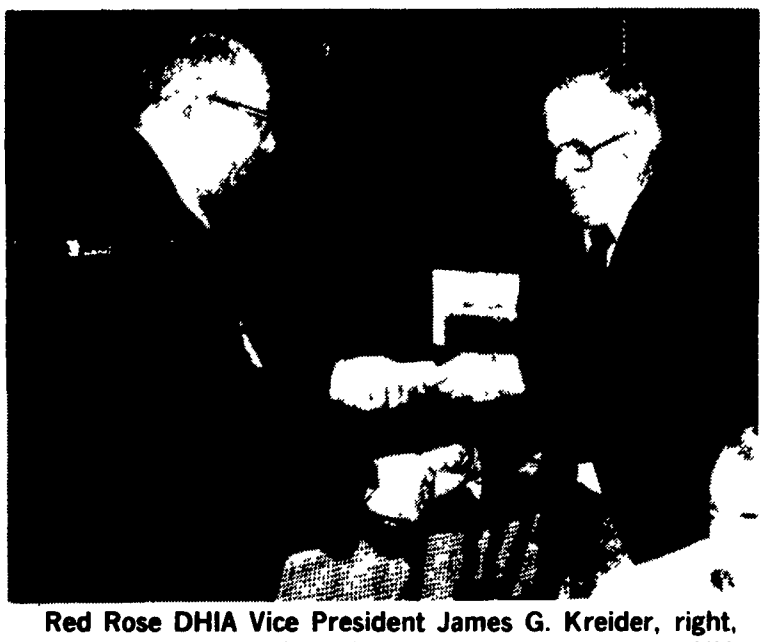
Seven Red Rose DHIA supervisors were recognized with $300 Red Rose Superior Service Awards. They were Thomas Garrett, Wilbur Houser, James Lehman, Harold Lindecamp, Moses Martin, Harold Probst and Jay Risser.

New directors elected at this year's annual meeting, were Clifford Blank, Kinzers; Raymond Brubacher, Morgantown; David Dum, Mount Joy; and Dale Stoner, Lancaster.

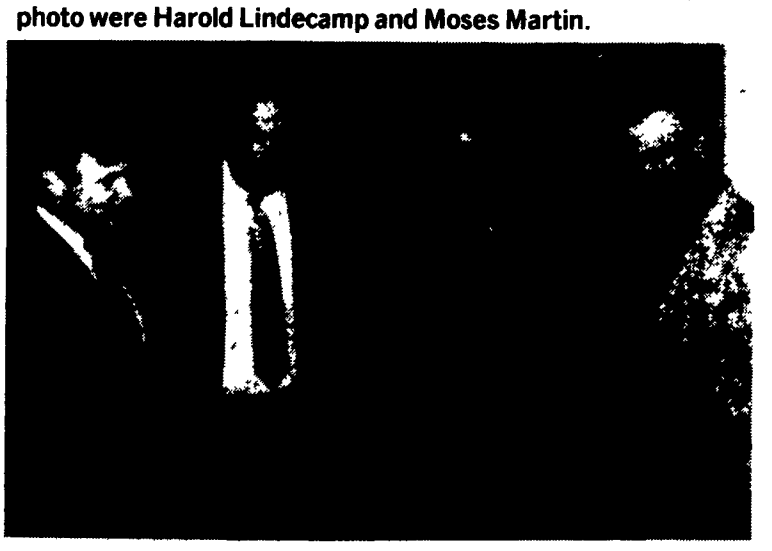
Lancaster dairymen recognized for high milk herds included, from left, James Martin, Ayrshire; John H. Howard, Holstein; and Kenneth B. Garber, Willow Street.



Seven area supervisors were recognized with a $300 Red Rose Superior Service Award. They included, front from left, Wilbur Houser and James Lehman. In back from left are Jay Risser, Harold Probst and Thomas Garrett. Not available for photo were Harold Lindecamp and Moses Martin.



Red Rose DHIA Vice President James G. Kreider, right, presents a $300 Red Rose Superior Service Award to DHIA Supervisor Harold Lindecamp, left.



County extension agent Glenn Shirk, left, presented Breed awards for high milk production to Jersey producers Paul H. and Marvin Herr, center, from Holtwood RD 1, and Brown Swiss producer Richard Wenger, right, of Manheim RD 2.

Crawford Co. Holstein Club

BY NANCY KUNICK
Staff Correspondent

MEADVILLE — The Crawford County Holstein Club, at its annual meeting here last week presented awards recognizing outstanding efforts by club members.

The Club recognized juniors who owned and bred 4-H projects which placed in the top five in their class. Dan and Loretta Dickey, youth leaders, presented the awards to Julie Custead, Sandra Black, Jennifer Dickey, Lee Livingston, Leslie Pegan and Karen Black.

This year those who participated in the county dairy judging were also recognized. The team was coached by Mark and Melanie Bachman who felt they had an exceptional team, which placed third at State Achievement Days in August.

Mark Bachman thanked the Club for its financial support which allowed the awards to be given.

Jill Hyde received the high individual award. Twelve youth members were presented participation gifts: Jill Hyde, Marsha Anthony, Tim Fiely, Jennifer Dickey, Jamie Holler, Paige Hyde, Janet Bryer, Kellie and Chad Kunz, Michelle Lyons and Amber and Rodney Donovan. Jill Hyde, Tom Fiely and Marsha Anthony made up the State Days senior team.

Committee reports were given and remarks were made by Crawford County Dairy Princess Jill Hyde and Pennsylvania Holstein Assoc. Vice President Art Baxter.

Jack Rynd urged everyone to help out with the Winter Holiday Sale December 12 at the fairgrounds in Meadville. "Seventy one head are consigned. Our ad has drawn thirty calls from all over U.S. and Canada... really good to attract this type of person who will make a long distance call." He also pointed out the successful Irish Holiday Sale that the Club held in March.

Ken Raney, PHA director of membership services told of current changes. He urged everyone to get their calves drawn off now. He also emphasized youth membership. He pointed out that the price will jump from $2.00 to $15.00 on January 1.

He praised Crawford County for its "very active club" and interest in youth. He commended the efforts of everyone for the State Holstein Show held in the county in September.

"We owe you a debt of thanks. We've heard nothing but praise for the fine job you did."

Club president Jeff Raney then announced those elected to serve as directors. Mark Bachman, Richard Black and incumbent Bryan McCurdy were selected. Ed Doeberiener and Milton Schweitzer were thanked for their work as their terms expired.

Owner-Breeder Awards were presented to juniors: (back) Lee Livingston, Jennifer Dickey and Julie Custead (front) Leslie Pegan and Sandra Black Absent from the photo was Karen Black.

Myerstown girl one of eight national gardening winners

UNIVERSITY PARK — A 17-year-old Pennsylvania student, who obtained a loan to buy 3,000 bulbs and raise gladiolus this year, has been named one of eight national winners in the 4-H gardening and horticulture program.

Ann Grumbine, R.D. No. 2, Box 210, Myerstown, received a $1,000 scholarship from Ortho Consumer Products Division, Chevron Chemical Company, the program sponsor.

Selected by the Cooperative Extension Service, winners received their awards during the 64th National 4-H Congress in Chicago, Nov. 30-Dec. 5.

Grumbine, daughter of Mr. and Mrs. Ray Grumbine, is a high school senior and plans to attend college and major in horticulture.

The Lebanon County student, a seven-year 4-H'er, ordered the 3,000 bulbs in the fall of 1984 and obtained a loan to pay for them. She paid back the loan by selling flowers to a local florist.

"I gained valuable experience," she said. "I learned about planting, raising and harvesting gladiolus and I am now more aware of the market available for them."

She said "for the last two years I have channeled my love for flowers in a different direction" by working with a group of mentally retarded children. She recruited three other 4-H'ers to help her show the youngsters how to plant seeds and transplant seedlings.

Ann Grumbine

"Working with these young people was a new experience for me. It was very rewarding to watch their excitement over accomplishing something as simple as planting a flower," she said.

She attended the 1983 National Junior Horticulture Association convention in Tulsa, Okla., and returned home with national honors after competing in a nosegay demonstration. She also was a member of the 1985 state 4-H flower judging team and won district honors this year with her project demonstration on dry apples.

In the winter, she concentrates on indoor gardening projects, including terrariums and working with Christmas greens.

USDA cuts inspections at Pittsburgh meat firm

WASHINGTON — The U.S. Department of Agriculture has ordered the withdrawal of meat inspection services from the Churchill Meat Company, Pittsburgh, Pa.

"A USDA administrative law judge issued the withdrawal order as a result of the conviction of the company and its president, Jack Lebovitz, in U.S. District Court, of selling and transporting adulterated and misbranded ground meat products and using false USDA grading certificates, which represented that the product had been officially graded when it had not," said Donald Houston, administrator of USDA's Food Safety and Inspection Service.

"The ground meat was adulterated because it contained soy, which is a prohibited ingredient in this product," said Houston. "Since the soy was not listed as an ingredient on the label, the product was also misbranded."

Under federal law, USDA can seek withdrawal of inspection services if a company, or any official responsibly connected with the company, is convicted of any felony or more than one misdemeanor related to the handling of food.

Withdrawal of inspection services prevents a company from continuing its wholesale processing operations since federal inspection is required before a firm can market its meat products in interstate commerce.

Churchill company has not operated since February, 1985.

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Hearings on Egg Marketing Order to begin next month

BY JACK HUBLEY

LANCASTER — With sales of most livestock and poultry products in the doldrums, commodity groups continue to battle for a share of consumers' elusive food dollars.

Guided by the slogan "Let's turn it around," the egg industry hopes to pull out of its current tailspin with its latest version of the long-awaited egg marketing order. On the drawing board for several years, the marketing order is the closest the industry has ever come to implementing a nationwide self-help effort, according to United Egg Producers president Al Pope.

Pope, whose Georgia-based organization has been instrumental in developing the marketing order, came to Lancaster on Tuesday to stump for what UEP feels is the industry's best hope for revitalization. Since receiving a recent blessing from the U.S. Department of Agriculture, the marketing order will be the focus of nationwide hearings to begin early next month, said Pope.

In its current form, the marketing order contains two provisions, one for promotion and research, and one for removal of surplus laying hens. The provisions are to be funded by a one-cent-per-dozen assessment, with the money being split evenly between them. Growers with less than 10,000 layers would be exempt.

Under the promotion and research component, no less than five percent of the revenue would be earmarked for developing new products for eggs and fowl. Also, no less than five percent would be devoted to research concerning health and nutrition issues. Fifteen percent of the funds would return to the states where they were generated to assist in state-run promotion programs.

Approximately $24 million in promotion and advertising funds would be generated during the first year of the program, Pope estimated.

Participation is optional under the surplus removal component. Here producers would be paid a premium for moving a predetermined number of layers to market before their normally scheduled slaughter date. After the birds are gone, the producer would not be permitted to restock his house until the sell-early period had expired.

Marketing order funds would be administered by a 21-member board overseen by USDA. The board would determine when the

Al Pope

nationwide egg supply warranted activating the surplus removal provision. Producers would then be able to submit a bid proposal to market their birds early.

The board reserves the right to increase the check-off amount by no more than one cent per dozen in ¼-cent increments. The board can also reduce or eliminate either provision if funds are unused or if reserves are being maintained.

In its present form, the marketing order lacks a controversial quantity control provision that was part of the first marketing order draft and would have established production quotas for egg producers.

Some producers, including Mark Widerman of Adams County, feel that the teeth were removed from the marketing order when the quantity control provision was deemed unacceptable by USDA. "We think that expansion needs to be stopped, and we thought quantity controls would stop some of that," Widerman said. "We have some questions as to whether it's going to do us that much good now. Promotion will do some good," Widerman observed, "but as long as you have people out there expanding you're not going to get anywhere."

"The marketing order is a compromise order," Pope conceded, pointing out that firm opposition from both the administration and USDA has made any kind of production controls a dead issue. "But I don't like the alternative if we don't get this (marketing order) through," Pope added, pointing out that the number of egg producers nationwide has declined from 12,000 to 2,700 in the last four years.

In an interview following the meeting, one other Lancaster County producer, who requested to remain anonymous, voiced his lack of confidence in a marketing order with no production controls. "If we're going to increase consumption, we're definitely going to increase the price," said the egg producer. "Then you'll have more building and more eggs, so we need some type of control."

But UEP's Al Pope feels there is still much to be gained by adopting the current marketing order. "If we sell more eggs, granted we'll produce more," he said, "but I think we'll produce more profits, too."

Glenn Smith, vice president and general manager for Pennfield Farms' Egg Division agrees. "We'll always have the ability to overproduce," said Smith, who feels that the current marketing order will allow the industry to keep moving forward by creating more demand for eggs. "The basic issue is, would you choose to be part of a growing industry or a declining industry." Smith was recently named one of two state co-captains, acting as a liaison between the marketing order committee and the egg industry.

A producer referendum on the marketing order will probably take place next fall, Pope predicts.

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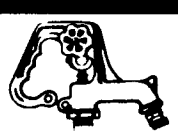

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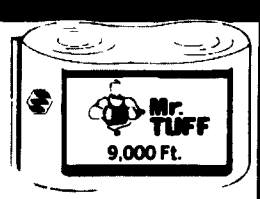

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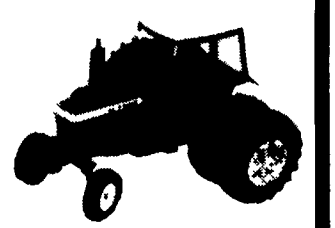

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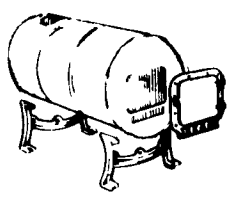

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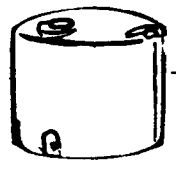

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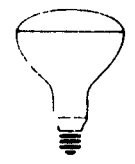
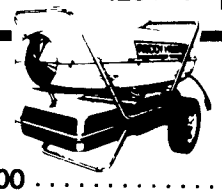
425 P/U	$299.95	$229.95

250 Watt Heat Bulb
Infra-Red Bulb
no 250R4010
$3.29



125 Watt Heat Bulb
Clear Bulb
No 125R401
$1.29



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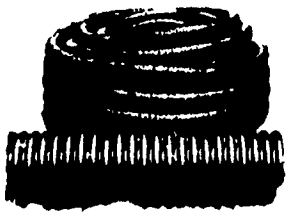

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Animal health group backs stronger disease controls

RICHMOND, VA — The U.S. Animal Health Association (USAHA) concluded its 1985 meeting in Milwaukee, with a number of recommendations aimed at improving the health of the nation's livestock and poultry, according to Dr. Norman Kruse of Lincoln, NE.

Kruse, who is the State Veterinarian in Nebraska, succeeds Dr. David U. Walker of Montpelier, VT, as president of the organization. President-elect is Dr. John F. Hudelson of Denver, CO.

Others elected to office at USAHA's 89th annual meeting were: Dr. John Cobb of Atlanta, GA, 1st vice president; Phil E. Bradshaw of Griggisville, IL, 2nd vice president; Dr. Max Van Bushirk of Harrisburg, PA, 3rd vice president; and Dr. John Shock of Annapolis, MD, executive secretary-treasurer.

Kruse called on USAHA members to take positive steps to eradicate diseases and to carefully evaluate disease program for the future. "I feel it is high time that we eradicate brucellosis," he said. "We cannot accomplish this goal unless state and federal regulatory personnel and industry all pull together. We must change our attitudes and think positively."

USAHA represents all 50 states, seven foreign countries and 18 allied groups serving health, technical and consumer markets. The organization has 28 working committees with various diseases affecting major domestic livestock and poultry.

"USAHA is recognized as the official voice of the livestock and poultry industries in recommending changes to state and federal animal health regulations," Kruse said. Among its 1985 recommendations, USAHA:

— Called for increasing indemnity for brucellosis to provide incentive for depopulation of infected herds in states with a low incidence of the disease. Highest indemnity levels would be paid for introduced outbreaks in Free states, with progressively lower levels in Class A, B and C states. To resolve a long-standing controversy with regard to vaccinated heifers from quarantined herds, USAHA proposed regulations allowing movement of such heifers from Class B and C states until Oct. 1, 1988. After that date, movement of such heifers from Class B states would be terminated and all cattle movements from Class states would be stopped, except for steers, spayed heifers, S-branded cattle or cattle from certified free herds.

— Called for USDA to intensify epidemiological studies and research on vesicular stomatitis, with particular emphasis on identifying the reservoirs of the disease and the means by which it spreads. Cyclic outbreaks of this disease, whose outward signs are the same as those of foot-and-mouth disease, have become more frequent in recent years.

— Asked USDA's Animal and Plant Health Inspection Service to sponsor a symposium on the international movement of embryos. USAHA noted that because the number of embryos in international trade is growing very rapidly, there is a need for the exchange of information on current research data and its implications.

— Called for all Mexican cattle to be quarantined and tested for tuberculosis at their point of entry into the United States.

— Noting a recent extensive outbreak of tuberculosis in bison, called for handling the disease in these animals the same as for cattle under the tuberculosis eradication program.

— Called for testing all wildebeest for malignant catarrhal fever, a foreign animal disease, with movement restrictions placed on animals that react to the test.

— Asked USDA to develop a model regulation for states to use in the control of livestock and poultry diseases in zoo animals, which can be infected with many diseases and parasites that cause serious problems in domestic livestock and poultry and native wildlife. USAHA pointed out that commercial trade in zoo animals is often carried out among private parties or through auctions or consignment sales without adequate precaution against the spread of disease. The association said that surrent disease control regulations on movement of zoo animals "are inconsistent, inadequate and, too often, nonexistent."

— Recognized that a new strain of bluetongue was now in the United States and asked that surveillance programs be established to monitor the spread and assess the economic impact of the new strain. USAHA also called for additional research to develop safe and effective vaccines against bluetongue.

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A-4271	42.8		
A-3127	50.4	58.4	54.4
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A-3966	49.4	57.5	53.5
A-3420	53.0		
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New options for fruit growers

UNIVERSITY PARK — More and more vegetable growers in the Northeast have been expanding their farming operation from the field into the greenhouse, according to Doyle W. Grenoble, research associate in The Pennsylvania State University's Department of Horticulture.

At the same time, says Penn State's extension fruit tree specialist Robert Crassweller, fruit growers are facing new options and problems because of the controversial growth regulators used for tree fruits.

The growing bedding plant industry as well as developments with fruit tree growth regulators will be addressed at the upcoming Pennsylvania fruit and vegetable conference in Hershey. For three days, January 28-30, specialists from Penn State, industry representatives, growers and other university specialists will offer workshops on the latest developments and research into the growing and marketing of fruits and vegetables.

More than 1,000 growers from the Northeast are expected to attend the conferences, as well as industry representatives who will be sponsoring a trade show. Registration is through either the Pennsylvania Vegetable Growers Association or the State Horticultural Association of Pennsylvania.

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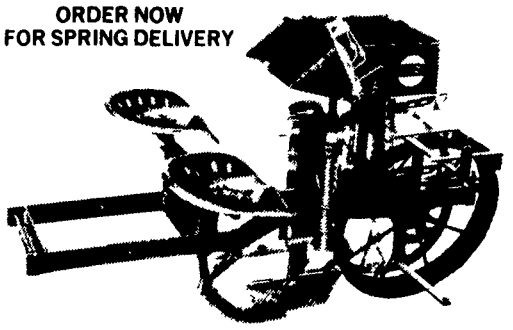

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PFA recommends new stands on dairy issues, taxes

HERSHEY – The Pennsylvania Farmers' Association (PFA) has recommended new positions on dairy and federal tax reform issues.

At their recent annual meeting, PFA delegates voted to recommend that their national affiliate, the American Farm Bureau Federation, change their dairy policy to support whole-herd buyout and dairy diversion programs funded by producer assessments if government surplus dairy purchases remain high. American Farm Bureau had adopted policy at their last annual meeting opposing any further dairy assessment programs.

PFA delegates also recommended that Farm Bureau national policy be changed to oppose provisions of President Reagan's tax reform plan which would eliminate: investment tax credit; ACRS accelerated depreciation; capital gains treatment on sale of business assets; and immediate deductions for pre-production expenses. That policy, like the dairy recommendation, will be taken to American Farm Bureau's annual convention, Jan. 12-16 at Atlanta, Ga.

In other action, delegates adopted policy calling for:

– the establishment of a state Animal Health Commission to coordinate animal health, research, diagnostic and indemnity programs for agriculture;

– the right to a local vote on the installation of private jails in a municipality;

– final authority for enforcement, licensing, regulation, and control of pesticides and herbicides to rest with the state agriculture department;

– support of any action by Congress to reserve the Farm Credit System;

– PFA to take an active role in the planning of high-speed rail systems.

– and, mandatory seat belt use.

In other business, Voting Delegates re-elected dairyman D. Eugene Gayman of Chambersburg, Franklin County to his fifth consecutive term as PFA vice president. Delegates also re-elected five directors and elected three new directors to serve two-year terms on PFA's State Board of Directors.

Delegates re-elected David Jayne of R. D. #1, Laceyville, representing Susquehanna, Wayne, Wyoming and Lackawanna counties; Roy Christman of R. D. #1, Hamburg, representing Berks, Montgomery, Chester, and Delaware counties; Charles Benner of R. D. #4, Middleburg, representing Snyder, Northumberland, Union, and Montour counties; Guy Donaldson of Gettysburg, representing Adams, Franklin, Cumberland, and Fulton counties; Mrs. Martha Rhoades of R. D. #1, Emlenton, representing Jefferson, Clarion, and Armstrong counties.

Newly elected to the State Board of Directors are: Karl Kroeck of Knoxville, Tioga County, representing Bradford, Sullivan, Potter, Tioga and McKean counties; Paul Yoder of Salisbury, Somerset County, representing Blair, Somerset, and Bedford counties; and Donald Unangst of Fredonia, Mercer County, representing Butler, Lawrence, Beaver and Mercer counties.

In other business, PACMA, the marketing cooperative of PFA, returned one board member and elected two new members to three-year terms. Earl Newcomer of R. D. #1, Washington Boro, Lancaster County, was re-elected to represent PACMA members in central and northcentral Pennsylvania. R. Stewart Ramm of Lock Haven, Clinton County, elected to represent vegetable growers and John Guthrie of Apollo, Armstrong County was elected to represent cattlemen.

Inter-State picks new director

SOUTHAMPTON, PA. – Adams County dairyman Samuel K. Stoner was named a director of Inter-State Milk Producers' Cooperative, according to President Robert B. McSparran.

Stoner, East Berlin, Pa., was selected by Inter-State's District 24 members to replace Director Roy A. Weaner Jr. Weaner is retiring from the board following 20 years of service.

Stoner, 45, farms in partnership with his brother, Gerald. Inter-State members since May 1974, the brothers milk 70 Holsteins and farm 150-owned and 150-rented acres of land.

A graduate of both Messiah College and Bucknell University, Stoner is currently president of District 24. He has also served as an Inter-State delegate, local president and is a member of the Resolutions Committee. He is a member of the Reading Township Planning Commission, the local Young Farmers, the Adams County Farmers' Association and is a deacon at Morning Hour Brethren in Christ Church.

As a new director, Stoner said he believes strongly in working for the financial stability of the cooperative. It is important, he said, to "keep the financial picture looking good."

Stoner and his wife, Elizabeth, are the parents of three sons, Larry, Allen and Nathan.

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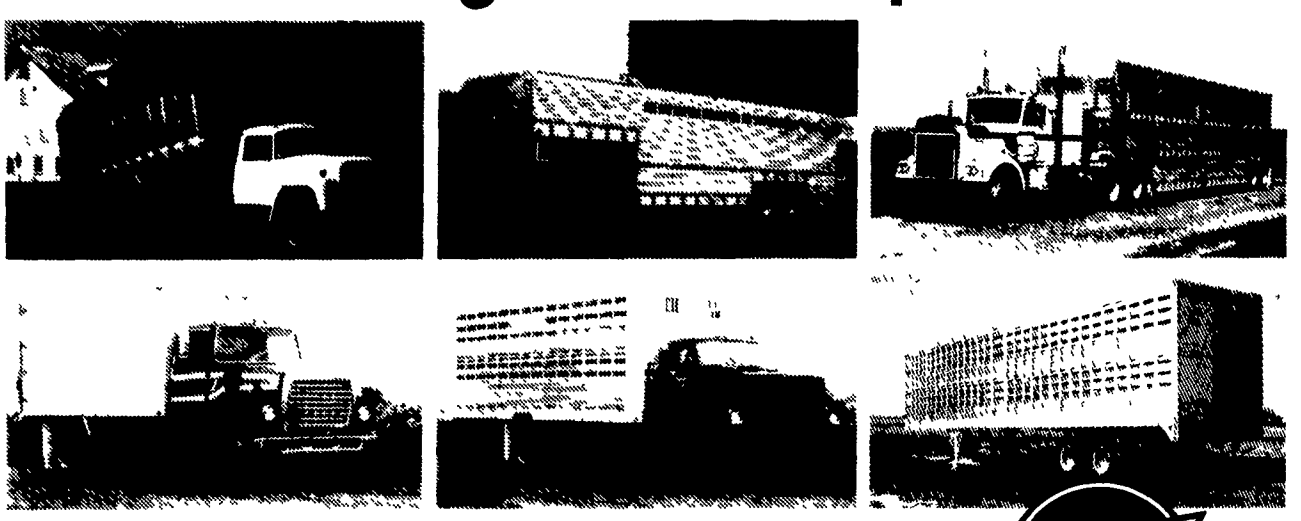

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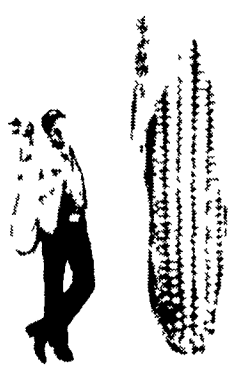

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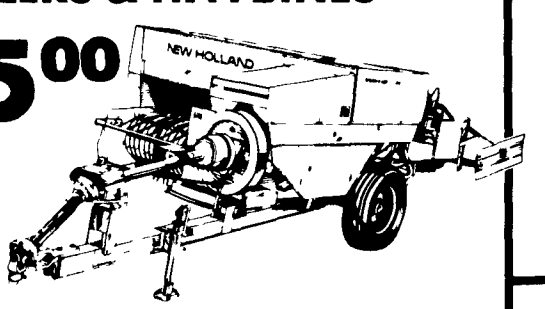

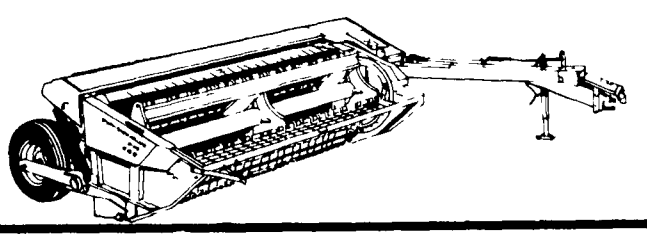

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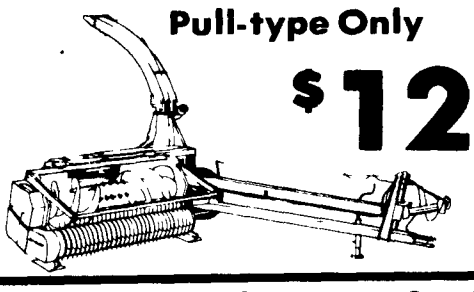

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Senate Farm Bill gives soybean growers a choice

ST. LOUIS — The passage of a Senate farm bill amendment gives soybean farmers a choice of a $5.02 loan or a $35 per acre payment, says American Soybean Association President George Fluegel. The bill now moves to conference committee and further negotiations.

The Illinois soybean farmer said the compromise came after hours of negotiating with Senate leaders who rejected the ASA $50 per acre "FAIR" proposal as "too expensive," even though it allowed for a reduced soybean loan.

"We told Senate leaders "no deal" when they asked us to accept lower loan rates without payments of at least $50 per acre," explains Fluegel.

"When they wouldn't accept that, we worked out an alternate approach that maintains the $5.02 per bushel loan rate for 1985 for those who want it and a $35 per acre payment for those who want an upfront payment in lieu of price protection. Considering the current budget cutting mood in Washington, this is a good alternative."

Fluegel points out that soybean loans were targeted to be reduced in both the Senate and House bills. The 1986 House-approved farm bill grants the Secretary of Agriculture unrestricted authority to drop the 1986 soybean loan to $4.77 (ASA strongly opposed this). And the Senate farm bill would have allowed 1986 soybean loans to fall to $4.52 if prices this year average below $5.27 per bushel.

"This soybean compromise in the Senate farm bill gives soybean farmers the income support they need while allowing necessary adjustments in soybean market prices," says Fluegel. "For the average soybean farmer, this means about $1 per bushel in addition to what he gets when he sells his crop. And for the farmer who needs a price assurance, it provides continuation of the $5.02 loan."

The soybean portion of the Senate farm bill gives farmers two choices for 1985 soybeans: the $5.02 loan as currently written, or $35.00 per acre ($30 in cash and $5.00 in beans).

For example:

- If a farmer forfeits the right to put 1985-crop soybeans under loan, the farmer will receive $35 per acre ($30 in cash and $5 in beans); or
- If 1985 beans are under loan, farmers have 60 days to decide: a) To repay the loan and take the $35 per acre payment; or b) keep soybeans under loan and receive no payment.

"The real advantage of this program is that it gives farmers a choice," says Fluegel. "It preserves the $5.02 loan rate for the farmer who needs price assurance. Farmers who do not participate in the loan program are assured a $35 per acre payment.

"This program will support farmer selling at more competitive price levels and stimulate U.S. soybean exports. Competitive pricing will put pressure on foreign soybean producers to reduce soybean plantings. Provisions for a floating loan level in the future will restore elasticity to the soybean market. This will eliminate huge forfeitures of soybeans to the CCC which depresses prices."

LOAN VS NON-LOAN ANALYSIS

The following table illustrates minimum cash price necessary to net price equal to $5.02 support price for a non-loan participant who takes $35 per acre payment.

Yield (bu/ac)	Loan	$35/Ac Pmt.	Break Even Cash price
25	$5.02	$1.40	$3.62
35	5.02	1.00	4.02
45	5.02	.78	4.24

In this example, a 35 bu/ac farmer who sells beans for anything over $4.02 will make more than had he put beans under loan and forfeited his crop to the CCC.

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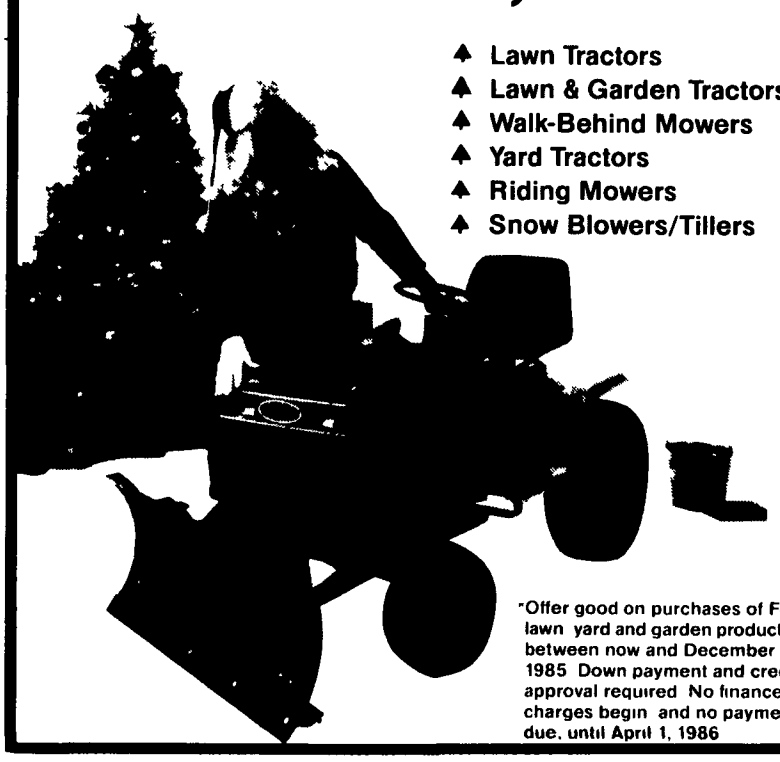

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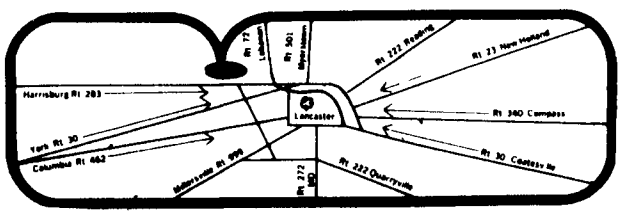

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PACMA continues growth

HERSHEY – PACMA, the marketing affiliate of the Pennsylvania Farmers' Association (PFA), continued to grow in 1985, PACMA manager Marlin Miller reported recently.

Miller reported the PACMA membership increased nearly 10 percent, "...strong evidence that more and more members are gaining a better understanding of the need for professional assistance in their marketing endeavors."

PACMA provides services for the marketing of feeder cattle, cattle, feeder pigs, hogs, feed ingredients, grain, spent hens, seed potatoes, and processing apples. PACMA also provides forward contracting for cattle, hogs and grain and is involved in developing new markets for Pennsylvania farm commodities.

Miller reported that PACMA marketed $30 million worth of farm commodities in 1985, up from $23 million in 1984. "Enhanced membership awareness of the programs plus the addition of more sales representatives in the country contributed to the continued success of PACMA's cash marketing programs," Miller said. PACMA added four new, local sales representatives during the year.

PACMA also established the Commodity Futures Service, and added another staff member in 1985 to improve its futures marketing service. As a result, Miller reported, the number of forward contracts written through PACMA doubled during the year.

PACMA acquired a new responsibility in 1985, the operation of PFA's newest division, PROFITS, created to research and develop new marketing techniques, new products and new marketing opportunities for farm commodities.

PACMA also helped two new producer cooperatives get started during the year, Miller reported. The Penn Quality Meats Cooperative of veal, beef and dairy beef producers and the PennMar Cooperative of pork producers plan to purchase and operate packing plants in central Pennsylvania.

Miller said, "Their goal carries out past PFA voting delegate recommendations to establish integrated cooperatives controlling production, processing and marketing for higher profits in agriculture."

Project to help market hay

UNIVERSITY PARK – Small scale hay producers in Southeastern Pennsylvania are invited to participate in a special hay marketing project sponsored by the Cooperative Extension Service. Using funds secured through Penn State's Small Farms Program, producers can have their hay sampled, tested and advertised for sale by hay quality during this marketing season.

This project is designed to open up new marketing opportunities for the producers whose gross farm income is less than $50,000. In addition to helping market hay, this project also will fund a hay newsletter and several hay production/marketing meetings throughout the region in 1986. These would be available to all interested hay producers.

The sponsoring Cooperative Extension personnel are Bruce Kreider in Dauphin County (717) 652-8460, Larry Yager and Bill Murray in Adams County (717) 334-6271 and Cheryl Fairbairn in Chester County (215) 696-3500. These agents will be supervising the sampling, testing and advertising of the hay for small scale producers.

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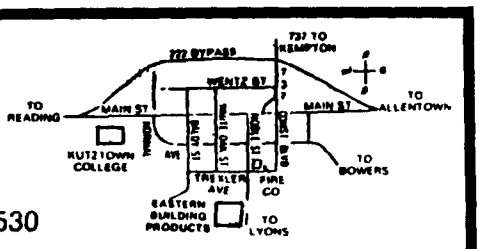
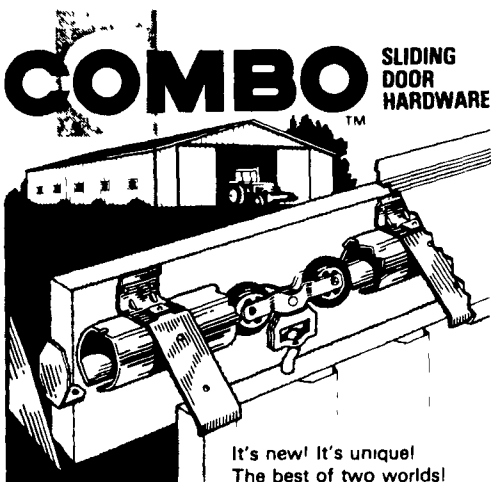


COMBO SLIDING DOOR HARDWARE



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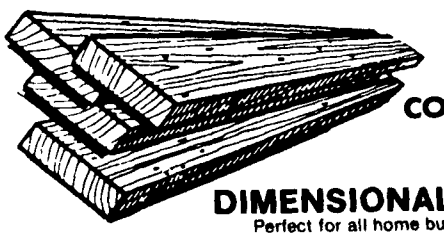
20'	$45.35	Jamb Latch & Strike..	$4.99



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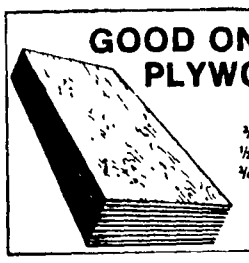
8'	2.03	2.96	—
10'	2.53	3.70	5.47
12'	3.28	4.68	6.82
16'	4.05	6.88	8.75



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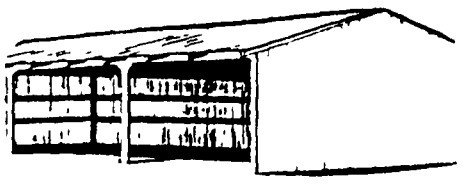

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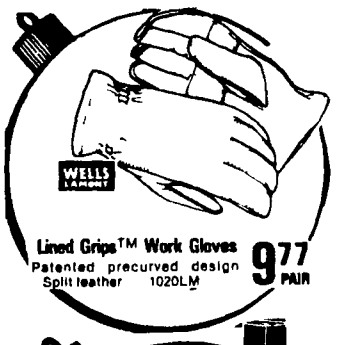

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1x6	2.50	3.34	4.16	4.99	5.82	6.66
1x8	3.34	4.44	5.55	6.66	7.78	8.88
1x10	4.00	5.34	6.66	8.00	9.34	10.66
1x12	4.99	6.66	8.32	9.98	11.65	13.32
5/4x4	2.19	2.92	3.66	4.39	5.12	5.85
5/4x6	3.29	4.39	5.48	6.58	7.68	8.78
5/4x8	4.39	5.85	7.30	8.78	10.24	11.70
5/4x10	5.48	7.30	9.14	10.98	12.80	14.62
5/4x12	7.22	9.62	12.04	14.14	16.84	19.24
1x6 BEADED SIDING						
	2.58	3.44	4.29	5.15	6.00	6.86
1x12 SHEATING						
	2.85	3.80	4.75	5.69	6.64	7.59
1x12 ROUGH ONE SIDE						
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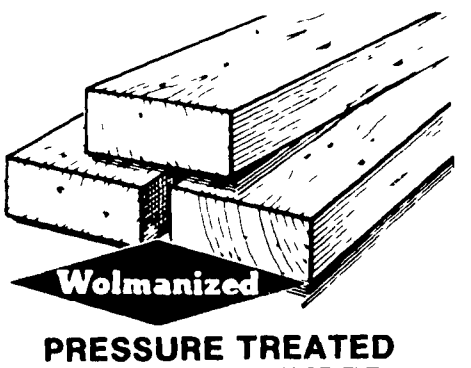

PRESSURE TREATED OUTDOOR LUMBER

	8	10	12	14	16	18	20	22	24
2x4	1.90	2.38	3.44	4.27	4.67				
2x6	3.05	4.64	4.87	7.26	7.36		11.97		
2x8			6.73		8.96				
2x10	4.54				12.06		20.38		
2x12					17.28		28.40		
4x4	4.39	5.93	8.00						
4x6	8.41	10.02	11.61	14.72	17.57				
6x6	12.55			20.05	25.92	28.73	38.19	43.89	49.80

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4-H Alumni program honors PADA Secretary Grubb

UNIVERSITY PARK, PA — Dr. Richard E. Grubb, Pennsylvania's Secretary of Agriculture, has been named a national winner in the 4-H alumni recognition program. Grubb is on leave from his position as senior vice president of administration at The Pennsylvania State University.

He is one of eight former 4-H members who received the Gold Key Award this week during the 64th National 4-H Congress in Chicago. The awards were presented Thursday at a recognition luncheon, sponsored by Beatrice Grocery Group/Orville Redenbacher's Gourmet Popping Corn.

Grubb was a 4-H member in Centre County for 10 years. He was an officer of the Centre County 4-H Baby Beef Club, and held leadership offices in his 4-H club and on the County Council. As a state winner in the agricultural program, he attended National 4-H Congress in 1956.

Since 1961, Grubb's career has been with Penn State. During that time he earned a master's and a doctoral degree in agricultural economics and higher education. He has served as senior vice president of administration since 1979.

Grubb also serves as director of the State College Federal Savings and Loan Association and was past director of the State College Area School District and the Central Intermediate Unit.

He is a member of the Association for Institutional Research, American Association for Higher Education, National University Extension Association and Pennsylvania School Boards Association.

Grubb continued his work with 4-H by serving for two years on the Centre County 4-H Program Council and as chairman for one year. He gave presentations at state 4-H Leadership Congresses and conducted a leadership workshop at a regional 4-H teen conference. He also arranged for a "4-H Day" at two Penn State home football games and discussed 4-H activities during radio broadcasts at halftime each day.

"The 4-H training I received helped me develop leadership and interpersonal skills which have served me well in my professional and personal life," Grubb said.

He and his wife Barbara have three children, Susan, Jeffrey, and Amy, all of whom were active in 4-H.

Red Lion student wins National 4-H swine award

UNIVERSITY PARK — An 18-year-old Pennsylvania student, who established a swine herd known for its high quality breeding stock, has been named one of six national winners in the 4-H swine program.

Melissa Trostle, Route 2, Box 246, Red Lion, received a $1,000 scholarship from Pfizer, Inc., the program sponsor.

Selected by the Cooperative Extension Service, winners received their awards during the 64th National 4-H Congress in Chicago, Nov. 30-Dec. 5.

Trostle, daughter of Mr. and Mrs. Ronald Trostle, is a high school senior and plans a career either in nursing or agriculture.

The York County resident, a 10-year 4-H'er, said at first it was hard for her to sell stock for breeding purposes. However, by exhibiting her Poland China swine at stock shows and winning numerous awards, she established a swine herd known for its high quality breeding stock.

"From this, I learned the importance of retaining quality and not to become involved with poor quality and large numbers," she added. "Of course, like most producers, I am always interested in a profit." Most of her profits are reinvested in her swine herd, she said.

Two of the most important things she has learned in the swine program, she said, are sportsmanship and showmanship. "No matter how good you are, you cannot always win," she said. "One must learn to accept the results and make the most of what he or she has done."

Trostle was named the "Outstanding 4-H Swine Award Winner" of 1983 by the Pennsylvania Pork Producers Association. In 1984, she exhibited the champion spot market barrow and grand champion spotted sow at the York Interstate Fair. She took third place this year in the state pork group's public speaking contest. In 1982, she was a member of her county's meats team that won state honors and placed fifth in national competition.

She said her project has taught her responsibility, which has come in "quite handy in the classroom, as well as with life's everyday challenges."

Pork producers back Md. program

ANNAPOLIS — Maryland pork producers have voted overwhelmingly to continue their check-off program with 82% of those casting ballots in favor of the program.

The rate of contribution will be changed as a result of the vote. Beginning January first, the assessment will be one-quarter of one-percent (.0025) which works out to 25 cents per hundred dollars of market hogs sold.

Currently, the check-off assessment rate is 20 cents per market hog sold.

Participation in the program is voluntary on the part of farmers who can request, in writing, that deductions covering animals they have sold be returned to them. Monies raised under the program are sent to the Maryland Pork Producers Association which shared funds with the National Pork Producers Council.

On the state level, Maryland Pork Producers Association uses funds for research, education and to promote pork through cooking demonstrations and distribution of recipes and nutritional information.

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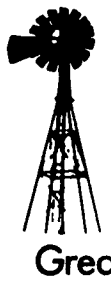

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Allen Wehr picked Cimarron Alfalfa to enter in the Pennsylvania Alfalfa Grower's Program. His three year old stand looked outstanding all summer. Yield results will be available later.

Allen farms along Route 45 in Union County, Pa. near Mifflinburg. He is pictured above feeding Spice a little extra high quality Cimarron hay to keep her producing at peak levels. Keep your production at the peak, pick Cimarron Alfalfa for 1986 planting.

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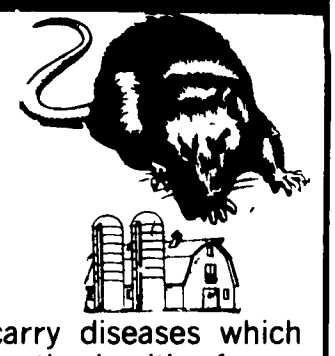

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PA crop figures released

HARRISBURG — The following crop production figures were released recently by the National Crop Reporting Board. The Pennsylvania figures released by Pennsylvania Crop Reporting Service are shown following the national figures for comparison.

CORN FOR GRAIN production is forecast at a record high 8.72 billion bushels (221 million metric tons), up 14 percent from last year and 6 percent more than the previous record set in 1982. The forecast is up over 1 percent from the October 1 forecast. The 90 percent confidence interval for this production forecast is 8.32 to 9.11 billion bushels.

PENNSYLVANIA CORN FOR GRAIN production is forecast at 146,590,000 bushels .. not a record for Pennsylvania. Pennsylvania's record year was 1984 with 148,500,000 bushels produced.

SORGHUM FOR GRAIN production is forecast at high 1.13 billion bushels (28.6 million metric tons), down slightly from the October 1 forecast but 30 percent above last year's crop.

FEED GRAIN production (corn, sorghum, oats and barley) is expected to total 271 million metric tons, up 15 percent from 1984 and nearly double the 1983 output.

PENNSYLVANIA FEED GRAIN production (corn, oats, barley) is forecast at 25,940,000 bushels; Oats: 21,600,000 bushels (unchanged from October 1) and barley 4,340,000 bushels, up slightly from October 1 forecast. While some sorghum is grown, it is not included in the forecast for Pennsylvania.

SOYBEAN production is forecast at 2.13 billion bushels (57.9 million metric tons), 1 percent more than the October 1 forecast and 14 percent above 1984. The 90 percent confidence interval for this 1985 production forecast is 2.01 to 2.25 billion bushels.

PENNSYLVANIA SOYBEAN production is forecast at 4,930,000 bushels, the same as the October 1 forecast, still down about 17% from last year.

FALL POTATO production is forecast at a record high 346 million cwt. (15.7 million metric tons), up 11 percent from last year and 7 percent above the previous record high set in 1978. All potato production totals a record high 400 million cwt. (18.2 million metric tons), up 10 percent from last year and 20 above 1983.

PENNSYLVANIA FALL POTATO production is forecast at 5,500,000 hundred-weight. This is the first estimate on Pennsylvania's potato crop and is not expected to change significantly.

Fines levied for meat violations

WASHINGTON — The president and the plant manager of a Philadelphia meat company have been fined for violating federal meat inspection laws, a U.S. Department of Agriculture official said today.

"The president of Allied Steaks Company, Nathan Verbit, and the company's plant manager, Edward Rosenblatt, both pleaded guilty in U.S. District Court for the Eastern District of Pennsylvania to preparing hamburger and hamburger patties adulterated with partially defatted beef fatty tissue, an ingredient prohibited in these products," said Donald Houston, administrator of USDA's Food Safety and Inspection Service.

Verbit was fined $3,000 and Rosenblatt $1,000. In addition, a $3,000 fine was levied against the company.

The adulterated meat was detected by USDA officials. USDA is responsible for ensuring that all meat sold in commerce is safe, wholesome, and accurately labeled.

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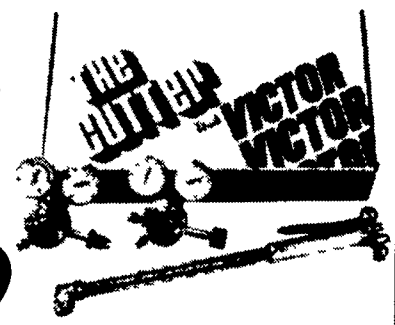

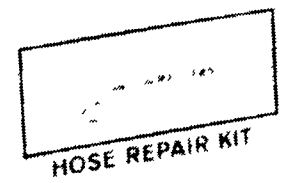

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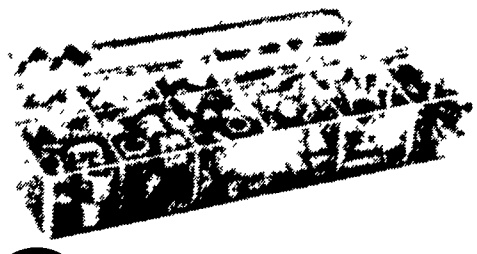

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California's Africanized bee threat ends

WASHINGTON — Officials of the U.S. Department of Agriculture and the California Department of Food and Agriculture have closed the Africanized Bee Project headquartered in Bakersfield, Calif., saying the introduction of Africanized honeybees in California has been neutralized by elimination of Africanized bee colonies in the area and by genetic mixing with native European bees.

"Since late July project officials have detected and destroyed twelve honeybee colonies that were suspected to be Africanized," said Bert W. Hawkins, administrator of USDA's Animal and Plant Health Inspection Service. "Project officials also have sampled and tested all commercial bee colonies in the area."

Hawkins said procedures underway to lift the federal quarantine should be complete in January 1986. In the interim, he said, federal restrictions still require beekeepers to obtain a federal certificate before moving bees from the quarantined area to other states. The restrictions do not affect the intrastate movement of bees.

California officials have lifted the state quarantine from the affected area in Kern county.

"The Africanized Bee Project was successful because of the outstanding cooperation among many organizations," said Hawkins. "Scientists from the University of California, USDA's Agricultural Research Service, officials of Kern and other affected counties, representatives of the bee industry and individuals from many other organizations worked closely with USDA and CDFA to tackle this threat to agriculture."

Africanized bees first were discovered in California in late June in an oil field in Kern County. Officials believe the bees entered the United States on oil drilling equipment or pipe, which is often imported from infested countries in South America and Central America.

Since July 30, when the Africanized Bee Project began, more than 22,000 samples of commercial and wild bees have been tested at the project laboratory in Bakersfield.

In early September, officials cleared commercially managed bee colonies for honey comb release if no Africanized bees or mites had been found. By early October, apiaries were allowed to move from the quarantine zone if they met certain additional conditions.

Africanized bees are the result of matings between a subspecies of African honeybee and several European species. In 1956, African honeybee queens were brought from Africa to Brazil for experimental purposes. Some of these bees were accidentally released from research hives and began to interbreed with European bees in the area, establishing the Africanized strain. Since their establishment in Brazil, Africanized bees have moved steadily northward, and are expected to enter Mexico by the end of 1985 and to cross the Rio Grande into the United States by 1989.

Africanized bees are an economic threat to the $130 million U.S. honey industry. They tend to take over hives of domesticated European bees, and because they are less efficient honey producers, can greatly reduce a hive's honey production. Also, Africanized bees are harder to manage and therefore make commercial pollenization more difficult for beekeepers.

Penn pays fine on animal welfare charges

WASHINGTON — The University of Pennsylvania has agreed to pay a $4,000 fine to settle U.S. Department of Agriculture charges that it violated the federal Animal Welfare Act in its research activities involving animals. The university also agreed to take several actions to ensure compliance with the Act.

"This settlement resolves several problems found involving veterinary care of primates used in the university's Head Injury Clinic," said Bert W. Hawkins, administrator of the USDA's Animal and Plant Health Inspection Service. "Some animals apparently were operated on without adequate anesthesia, some were operated on under unsanitary conditions, and some were not given adequate care after they had been injured during experiments."

Besides accepting the fine, the university has agreed that the director of any research project will consult with the campus veterinarian on proper use of pain-relieving drugs and on the care of injured animals, said Hawkins.

"These provisions are meant to ensure that the university maintains an adequate program of veterinary care," said Hawkins. "They are not intended to interfere with the actual conduct of research."

The university will also establish an advisory committee for laboratory animal care and set up training programs for employees who handle laboratory animals, said Hawkins. The committee—whose oversight will include review of the use of anesthetics, the sanitation in operating rooms, and post-operative care of research animals--will report quarterly to the vice provost for research and will furnish a copy of its reports to the USDA, he said.

"The series of actions agreed to by the university should help avoid the possiblity of future violations," Hawkins said.

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Hoover Brandt top Lebanon DHIA

LEBANON — Hoover Farms captured the "High Herd — Fat" award, while David Brandt was honored for the "High Herd — Milk" at the Lebanon DHIA Annual Awards Banquet.

Hoover Farms, operated by Dale and Dean Hoover, attained a 736-pound average butterfat with a herd of 130 registered Holsteins, also averaging 20,327 pounds of milk and 632 pounds of protein.

David Brandt captured the milk production award by averaging 20,664 pounds of milk with 74 cows. The herd also averaged 721 pounds of buterfat and 647 pounds of protein.

Walter Martin of Myerstown captured the High Individual Cow — Milk trophy, with 29,518 pounds, while Dale Hostetter and Sons of Annville won the High Individual Cow — Fat award with 1,267 pounds.

White Birch Farm won the award for the herd with the lowest somatic cell count, at 102,000.

James Z. Brubaker, Richland and Dale and Darlene Bucher of Myerstown won the awards for top increases for the herd. Burbaker's herd increased 3,821 pounds in milk, 99 pounds in protein and 72 pounds in fat, while the Bucher herd jumped 118 pounds in fat, 2,826 pounds in milk and 88 pounds in protein.

Glen R. Martin, Lebanon won the award for the highest herd average in protein, with 648 pounds, while "Dancer" earned the High Individual Cow — Protein award for the Jay and Carol Hershey farm.

Winners of the High Herd-Milk award from the Lebanon DHIA were David and Jeanette Brandt, shown above with their sons Carl, left and Daniel.

High herd-fat honors for the Lebanon DHIA went to Dale and Reid Hoover of Hoover Farms.

USDA extends comment period

WASHINGTON — The U.S. Department of Agriculture is extending until Jan. 21, 1986, the comment period on its notice of intent to propose labeling and other requirements for partially defatted products made from fatty meat tissue.

Partially defatted products are made by cooking trimmings of fatty tissues containing some meat at 120 degrees F. or lower.

"The notice considers aspects of regulatory compliance, nutritional value, processing safety and labeling of these products," said Donald L. Houston, administrator of USDA's Food Safety and Inspection Service.

Comments on the notice may be sent by Jan. 21 to: U.S. Department of Agriculture, Food Safety and Inspection Service, Regulations Office, Attn: Annie Johnson, Hearing Clerk, Room 3803-S, Washington, D.C. 20250.

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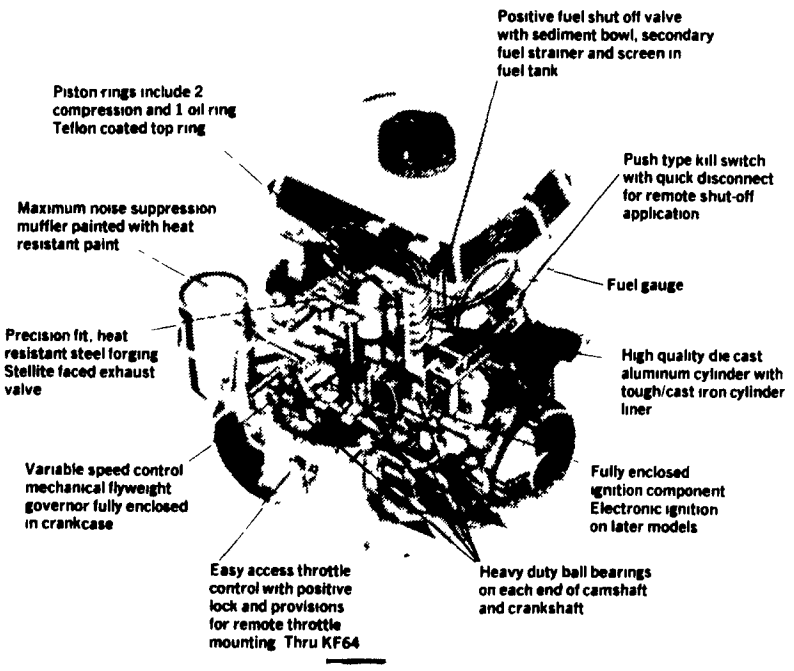
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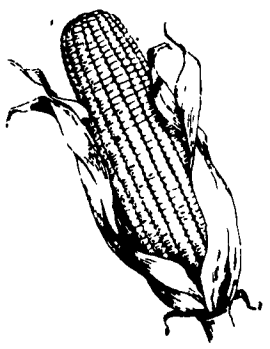

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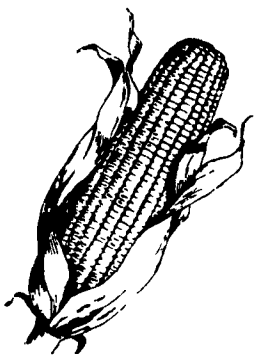

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- Very fast drydown
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ALGER FARMS - 163.0 BU./AC.
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DK 556

- Outstanding yield leader
- Exceptionally strong stalks
- Very good drought tolerance
- Fast drydown
- 105-day relative maturity

LAPP BROS - 186.2 BU./AC.
Cochranville, Pa.
JOHN JOHNSON - 177.0 BU./AC.
Orefield, Pa.
ALGER FARMS - 168.0 BU./AC.
Palmyra, Pa.
WILLIAM HAUGH 155.0 BU./AC.
Stewartstown, Pa.
CLARK THOMAS - 154.0 BU./AC.
Glen Rock, Pa.

DK 587

- New hybrid for exceptional yields
- Excellent seedling growth and early flowering
- Short plant height and low ear placement
- Strong stalks
- Good companion with T 1100
- 108-day relative maturity

KERVIN ZIMMERMAN -
172.0 BU./AC.
Myerstown, Pa.
JOE HARTEL - 164.0 BU./AC.
Bellefonte, Pa.
WILLIAM HAUGH - 164.0 BU./AC.
Stewartstown, Pa.
EPHRAIM STOLTZFUS -
159.5 BU./AC.
Leola, Pa.
RAM FARMS - 155.7 BU./AC.
Lock Haven, Pa.
CLARK THOMAS - 155.0 BU./AC.
Glen Rock, Pa.

T 1100

- Excellent yield performance
- Strong stalks and roots; rapid drydown
- Very good plant health and stress resistance
- Good heat and drought tolerance
- 110-day relative maturity

LAPP BROS - 204.6 BU./AC.
Cochranville, Pa.
WILLIAM HAUGH -
195.0 BU./AC.
Stewartstown, Pa.
GEORGE COLEMAN & SONS -
184.8 BU./AC.
Elmer, N.J.
ROBERT MILLER -
179.0 BU./AC.
Lebanon, Pa.
CLARK THOMAS - 177.0 BU./AC.
Glen Rock, Pa.
CON-GER FARMS -
167.0 BU./AC.

DK 656

- New, very high-yielding hybrid
- Very good seedling growth
- Good root and stalk strength
- Fast drydown; good drought tolerance
- 115-day relative maturity

ADAMS FARMS - 211.0 BU./AC.
Sunbury, Pa.
LAPP BROS - 208.0 BU./AC.
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CLARK THOMAS - 196.0 BU./AC.
Glen Rock, Pa.
RAMM FARMS - 194.9 BU./AC.
Lock Haven, Pa.
KERVIN ZIMMERMAN -
187.4 BU./AC.
Myerstown, Pa.
RUSTIN FARMS - 184.0 BU./AC.
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ALGER FARMS - 171.0 BU./AC.
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- Late Group III maturity

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Elmer, N.J.
KERVIN ZIMMERMAN -
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ALGER FARMS - 41.0 BU./AC.
Palmyra, Pa.
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Dairy Marketing

Order 4 price set at $13.97

ALEXANDRIA, VA. — Middle Atlantic Order Market Administrator Joseph D. Shine has announced a Class I milk price of $13.97 per hundredweight for January 1986. This price is down two cents from December and is $1.53 below last January's Class I price.

Mr. Shine announced a Class II milk price of $11.27 per hundredweight for November 1985 and a butterfat differential of 16.0 cents for the month. The Class II price was down two cents from the previous month, while the butterfat differential decreased three-tenths of a cent.

The January 1986 Class I price and the November 1985 Class II price are based on the November 1985 Minnesota-Wisconsin manufacturing milk price of $11.19 per hundredweight at a 3.5 percent butterfat content.

The USDA reported that the wholesale price of Grade A butter at Chicago for November was $1.3950 per pound and the nonfat dry milk price was $.8034 per pound, f.o.b. plants in the Chicago area.

Dairymen, Inc. sends equity checks

LOUISVILLE, KY — Members of Dairymen Inc. who market milk through their 16-state regional milk marketing cooperative are now receiving equity checks and equity reinvestment confirmation notices totaling $14.6 million.

This payment to approximately 7,000 member-farmers throughout the middle Atlantic and southeastern states represents the retirement of $11.5 million of per unit capital retains and patronage dividends allocated to members' accounts for the fiscal year which ended Aug. 31, 1980, together with the retirement of approximately $3.1 million of Member Equity Reinvestment Program — Series 1982 investments eligible for redemption.

Dairymen's Corporate Board of Directors authorized the retirement of this member equity at its October 1985 board meeting Each year the board must take the necessary action to authorize the retirement of member equity under the cooperative's revolving program. This year equity was again retired on a five-year revolving cycle — one of the shortest retirement cycles in existence among dairy cooperatives.

Dairymen members now have invested in their cooperative an all-time high of $88 million, an increase of $4 million above last fiscal year's level. The strong member equity position is important for Dairymen in carrying out its marketing programs and in continuing to retire member equity in such a short revolving cycle

MAMMA launches in-store promotions

TOWSON, MD — The Advertising and Promotion Agency of the Middle Atlantic Milk Marketing Area (MAMMA) has initiated an exciting new advertising campaign to reach consumers where they shop.

MAMMA has contracted with two in-store advertising firms to broadcast brief audio messages about dairy products to consumers in supermarkets of three major foodstore chains. The contractual agreements establish an in-store advertising schedule in the supermarkets of Pathmark, Superfresh and Safeway.

The flexibility of in-store broadcasting allows MAMMA to tailor its generic selling messages in each chain to coordinate with the dairy promotional and/or merchandising activities of that chain. For example, a different message can be played each week to coordinate with a different dairy feature.

Seasonal serving suggestions for dairy dishes are easily made. And the in-store announcements can be tailored to coordinate with MAMMA's television and radio advertising to trigger consumer recall of those commercials.

As another example, the messages can direct consumers to look for tear-off recipes offered by MAMMA, at the dairy case, and suggest that they pick-up dairy products to make those recipes.

The majority of purchasing decisions are still made during the shopping trip. According to current research relating to in-store behavior, 65 percent of purchasing decisions are made while shopping.

The supermarket is still the most basic and frequent point of purchase for dairy products. Therefore, the supermarket is an excellent place to capitalize on the equity built through MAMMA's traditional media efforts and influence the consumer where and when they have the opportunity to purchase products.

With electronic scanners now in place at supermarket check outs, it will also be possible to directly measure the effectiveness of the in-store advertising by tracking the movement of dairy products. Movement of specific dairy products can be tracked prior to the in-store advertising and after, to indicate the impact of the messages.

Other advantages of in-store advertising include being able to reach all buyers, not just those who watch TV or listen to radio, and in-store advertising is relatively inexpensive compared to TV or radio advertising.

In the Philadelphia area, MAMMA has contracted with Instore Broadcast Advertising to place advertising in 59 Superfresh stores and 34 Pathmark stores beginning November 25. If this proves successful more stores and additional chains will be added.

In Delaware, Maryland, northern Virginia and Washington, D.C., MAMMA has contracted with Instore Satellite Network to advertise in 80 Safeway food stores. Advertising in these stores began November 13.

Contractual arrangements were negotiated by MAMMA Merchandising Directors Jim Whelan and Suzy Voight who will continue to update the advertising schedule and monitor its effectiveness.

MAMMA is a dairy farmer funded and directed, promotion agency responsible for advertising and promoting milk and dairy products in the Middle Atlantic Milk Marketing Area (Federal Order #4).

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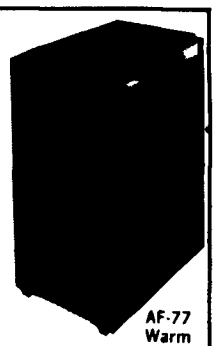

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R77 C	Coal/Wood	$469	$117	$352
AF77	Wood	$773	$193	$580
FHL	Wood	$705	$176	$529
FHL C	Coal/Wood	$769	$192	$577
FH 19/BR	Wood Fireplace Insert w/Brass Doors	$1159	$290	$869
FH 19 C	Coal Fireplace Insert	$1064	$289	$869

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The Dairy Business

By Newton Bair

Lock The Door — The Horse Is Stolen

The history of the world is dominated by hindsight. It's just about as smart to lock the empty stable door as it is to point our finger backward to any action that brought sorrow or disaster.

As Omar Khay'yam said-" The moving finger writes, and having writ, moves on,– and all our wisdom and our wit,– cannot erase a word of it–". The past is indelibly written and can't be erased, but we still like to lock doors on empty stables, and play the game of "what if–", with our yesterdays.

If only we could go back to the mid 1970's and re-play some of the political games that looked so good then. We were implored to feed a starving world, and we tried, God knows we tried. And we almost succeeded, except that the economics of the whole process has blown up in our face. The grain bins are bursting, the milk tank overfloweth, and the sherriff is pounding on the door. More production has not relieved or solved world famine, but it sure has placed farmers in an odd position. The whole world needs and wants our plentiful supply of dairy products, but no one wants to pay the cost to produce it.

Meanwhile, the games continue in Harrisburg and Washington, with a dubious and arguable outcome. Will the re-plays be able to change the outcome? Hardly, but we can hope that they won't repeat the same mistakes that brought on the present fiasco.

Supporting the price of milk at high levels will only encourage more production. Lowering them may have the same effect, since producers will work harder to increase production in order to maintain cash flow. ***A guaranteed market for all we can produce will never cure the problem of too much milk.***

HOW WILL YOU REACT TO NEW LEGISLATION?

While we watch the players in Congress battle to Save Agriculture from the Threatening Doom, we had better think about the way we plan to react to the new legislation. If Congress decides to support the price of milk at $11.60 with unlimited expansion, will you continue to expand? Can you afford to expand at that price? If you, and a thousand of your fellow dairymen all expand production, will the support price be dropped even further? (The Senate Dairy bill proposes to reduce the support by 50 cents per hundred when CCC purchases exceed five billion pounds, and even more for each additional increase in production).

The alternative being considered in Washington is the Whole Herd Buy-out. This plan would remove 600,000 cows plus calves and heifers from the national herd. They dare not be only the culls, because the remaining cows will be fed and managed better, breeding will continue to improve, and new techniques like isoacids and growth hormones will cause another surge in milk production. The incentives to sell the whole herd for beef will have to be pretty attractive. How will you react to this one? Would a herd sell-out solve your fiscal problems? It might, if the subsidized incentives are attractive enough.

You can bet your bottom dollar that any new legislation passed this winter will be aimed at ***reducing*** milk production. And Congress is looking for a long range plan to accomplish it. But the only way that can ever work is if you and every other dairy farmer resolves to make it work.

How you react to the economy of the times and the alternatives set by legislation, will determine the outcome of the present dilemma of Too Much milk for Too Little Money. Sooner or later, some of us will have to let go of the bull's tail. Some will sell out, some will wait until the bank forecloses, and some will simply cut back into a safer position. Some who always have been conservative will continue to operate conservatively and survive. Will you be a survivor, or will you be one of the ones who ducks over the fence to safety?

Extension group honors Winebark

LEBANON — Kenneth L. Winebark, Agriculture Extension Agent in the Lebanon County Office of the Penn State Cooperative Extension Service has been recognized for outstanding achievement as a new worker. The Alpha Omicron Chapter of Epsilon Sigma Phi, national honorary Extension fraternity, annually awards the "Rookie of the Year" honor to an Extension Agent in Pennsylvania who has demonstrated outstanding program efforts and accomplishments during the first two years of employment.

Citing activities and accomplishments since he began working in Lebanon County in June of 1984, Alletta Schadler, Lebanon County Extension Director nominated Winebark.

"His interest, enthusiasm, tireless work and expertise have caused him to be accepted as a leader among his peers and within the agriculture community much earlier than one might expect," she said. "He has sought and received support and assistance from volunteer advisory committees, business and financial leaders, 4-H leaders and teens to plan, develop and implement Extension programs that meet the needs of the County."

Working closely with 4-H Livestock and Dairy leaders, he has helped increase participation of 4-H members in educational activities such as judging workshops, fitting and showmanship and breeding projects. He organized the state Yorkshire/Duroc 4-H and FFA livestock contest in Lebanon County for more than 100 youth.

Winebark also organized the Pennsylvania Dairy Cattle Association Judging School held for more than 100 adults from across the state. A local advisory and planning committee helped select and prepare animals, host participants, provide publicity and food service.

Manure and Nutrient Management test plots were established to demonstrate the importance of nutrient management on crop production. Winebark uses computer analysis to assist farmers in decision making for nutrient management.

He has also provided farmers with information and assistance in making decisions to improve profitability of livestock and dairy farming.

Winebark serves as advisor to the Board of Directors of the Dairy Herd Improvement Association in Lebanon County, works with Extension Agents in Dauphin, Schuylkill, Berks and Chester Counties to provide programs in dairy and livestock for County farmers.

Lebanon County farm families have been quick to appreciate Ken's interest in youth and his enthusiasm for agriculture according to Schadler. "Ken Winebark is a valued member of the Extension team, an outstanding Extension worker in the best tradition."

A native of Indiana County, Winebark received his B.S. and M.S. degrees from Penn State. He lives in the Myerstown area with his wife Janet and daughter Janine.

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The Farm Credit dilemma

What is the current agricultural credit situation faced by Pennsylvania agricultural producers and what effect has it had and is it having on the agricultural credit availability for the short-term and future?

It is obvious to everyone associated with agriculture that the industry is suffering through poor economic times.

Current prices for most commodities are at low levels with most near loan level. These conditions are likely to continue until the world economy recovers and the U.S. resolves its large budget deficits.

Favorable actions affecting these values are needed to have a more normal currency value relationship and in effect "weaken" the U.S. dollar. This, of course, would have a positive effect on ag exports.

Also a major factor affecting the ag economy has been the rewriting of national farm program legislation in 1985.

The depressed agricultural economic condition has had a direct effect on the cost and availability of ag credit. It has also had an effect on the source of credit. Table 1 provides a breakdown of farm loans by source for real estate and non-real estate for the U.S. and Pennsylvania. The information was obtained from Farm Credit Reports compiled by the Economic Research Service, USDA, as of January 1, 1985.

The alarming figure in Table 1 is that nearly one-third of the crop operating loans in Pennsylvania are financed by individuals and others. This indicates that a large number of Pennsylvania crop loans are an open account with suppliers. This situation is not unique to Pennsylvania. As the chart indicates, nationwide 18 percent of the non-real estate debt is held by this category.

The main credit burden facing ag producers in Pennsylvania and the U.S. is the large number who are highly leveraged. According to Neil Harl, Professor of Economics at Iowa State University, farmers with a debt to asset ratio of greater than 70 percent are in the most trouble. In other words, for every $10 of assets, these farmers owe more than $7.00 in debts. At this level it would take an 8 percent return on all assets just to pay the interest bill. Table 2 gives an overview of the debt to asset ratio.

Professor Harl states that farms with ratios greater than 40 percent are facing financial problems and most are losing net worth. With a 40 percent ratio, it takes a return of 4.5 percent to pay interest costs.

As ag producers become more highly leveraged they face the problem of higher interest costs and also the problem of where they will be able to obtain credit. More and more producers are failing to meet financial standards and collateral requirements to remain customers of private lenders.

At one time, Production Credit Association (PCA) was the major ag production loan lender in Pennsylvania. As Table 1 shows, now they account for only 25 percent of all non-real estate farm loans. Since PCA is a cooperative, it must balance its losses with adjusted income from interest rates and collateral requirements of existing borrowers who are members of the cooperative. PCA identifies the majority of their problem loans as customers who did not own any land, and whose collateral was based on depreciated and devalued farm machinery.

Federal Land Bank (FLB) has 8,293 borrowers in this state and has 40 percent of the ag real estate in this area mortgaged. As of September 1, 1985 it had acquired 21 properties by foreclosure at a value of $2.4 million dollars. FLB officials state that the number of part-time and dairy farmers in Pennsylvania adds to the stability of their loan portfolio.

The new programs offered by FmHA do not appear to be providing much relief for existing borrowers in easing their debt loads. National statistics released as of August 31 by FmHA show that only 14,138 farmers have qualified for the set aside program. They also state that over 100,000 borrowers who are presently with FmHA have applied.

FmHA had approved only 342 applicants for the set aside program in Pennsylvania.

Apparently the program requirements are such that is requirements are such that it is applicable to only a very limited number of FmHA officials say that many producers have such a large or long-term debt load that even the setaside will not show a positive cash flow over a period of time.

Also most private lenders appear reluctant to participate in the 10 percent writeoff loan guarantee program. As of the end of the year, no one had made use of this guarantee program. Overall it appears that private lenders are reluctant to use any of the loan

(Turn to Page A39)

TABLE 1

Source	U. S. (Million Dollars)	% (Rounded to Nearest %)	Pennsylvania (Thousand Dollars)	% (Rounded to Nearest %)
Non-Real Estate				
Banks	39,742	39	362,000	28
PCA	17,925	18	333,000	25
FLB	875	1	17,000	1
FmHA	15,651	16	171,000	13
CCC	8,719	8	14,000	1
Individuals & Others	18,000	18	415,000	32
TOTAL	100,912		1,312,000	
Real Estate				
Banks	10,177	9	385,000	22
FLB	49,103	44	664,000	40
Life Insurance Co.	12,444	11	31,000	2
FmHA	10,013	9	179,000	10
Individuals & Others	29,900	27	428,000	26
TOTAL	111,637		1,667,000	
GRAND TOTAL	212,549		2,979,000	

TABLE 2

BANK FARM CUSTOMER'S DEBT TO ASSET RATIO
REGION

Debt to Asset Ratio	North-east	Corn Belt	South	Plains	West	U.S.	❶FMBAS
	(% of Bank Customers)						
Under 40%	39	42	31	37	37	39	64
41-60%	30	28	27	30	34	29	19
61-80%	19	18	20	19	19	19	7
81% and Over	12	12	22	13	10	12	9

Based on American Bankers Association Survey in Mid-1984.
❶ Based on PFA Farm Management Services Analysis of its clients as of January 1, 1985.

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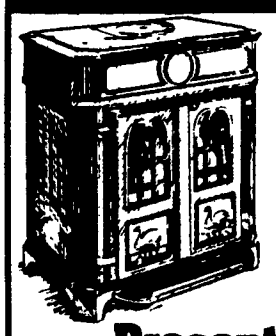
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Looking forward to seeing you,
Ron Bowen,
E.J. Parker Tobacco Co.

The Farm Credit dilemma

(Continued from Page A38)

guarantee programs offered by FmHA. This situation is disturbing, especially because lending limits are twice as high for guaranteed loans as for direct loans.

Private lenders state that the FmHA loan guarantee programs require too much "red tape" and tend to be categorized as a "problem loan" by federal and state bank examiners. FmHA officials stated that guidelines from Washington, DC have authorized them to continue to finance existing borrowers if they can show repayment ability for the current loan request and have followed previous agreements with the agency.

Officials indicated that they only denied 3 percent of the loan applications that met their eligibility criteria last year and don't expect any significant change this coming year. The 3 percent figure may be misleading in that it does not reflect the large number of applicants who were cited as ineligible.

The estimate on the number of people who were denied applications was not available for this report. There appears to be a significant problem arising for producers who are not current FmHA borrowers and who are unable to obtain financing from private lenders.

These officials said that new borrowers will have to meet stricter cash flow requirements. FmHA officials stated that due to budget reductions, they expect to have less money available in Pennsylvania to lend this year than last year. This smaller amount of funds to lend plus the fact that many commercial-size producers will not meet the "family farm" size criteria indicates that these producers who cannot be financed by private lenders will have no source of credit. This fall-out from private lenders will surely increase unless the economic situation for agriculture improves. Private ag banks are not immune to this problem.

One of the most alarming features of this report is the high percentage of non-real estate farm debt that is being financed by non-traditional lenders. Out of the $1.3 billion in total non-real estate farm debt in Pennsylvania over $415 million or 32 percent is in the hands of individuals and others.

Also of note is the fact that the recently announced FmHA programs that were designed to help ease the financial burdens of FmHA and non-FmHA borrowers have not provided much relief. As the report indicated, only 14,138 farmers nationwide out of over 100.000 total borrowers in FmHA had qualified for the setaside program with FmHA.

In Pennsylvania, only 342 applicants had qualified for the same program. Participation in the 10 percent guaranteed program for non-FmHA borrowers is even worse with no participants in Pennsylvania at this time.

The economic health of all farm credit agencies appears to be in jeopardy. This is signaled by the decreased funds expected for FmHA this year in Pennsylvania, the low loan volume and high losses of the PCA, and the high takeover of land by the FLB.

While there are a large number of credit programs available from the various agencies, the problems of ag producers are such that many will not be able to stay with private lenders due to being highly leveraged and also cannot qualify for FmHA programs. The result of this is that many borrowers will be without a source of credit. Unless the agricultural economy improves, the loan portfolios of private lenders will continue to weaken.

It is obvious that the relative "health" of all agricultural credit in situations is directly tied to the recovery of the agricultural economy. The dilemma faced by credit institutions is a problem that should receive consideration in all levels of ag policy debate–particularly in the upcoming farm program debate.

FmHA will surely be closely scrutinized during this year as to its effectiveness and even more as to its cost to the Treasury. Many congressmen are giving consideration to a separate ag credit subtitle in the new public spotlight for the near future.

The problem now being experienced by ag credit institutions both private and government is due in large part to the weak ag economy. The fact that producers have not been able to show any positive net income from farm operations due to low prices has directly affected their debt repayment ability.

Therefore, for the ag credit institutions to recover in the long-run, all of agriculture must experience economic recovery.

Ag credit relief cannot be isolated from a meaningful reform of our trade policy or an adequate national farm program. What affects any one of these policy areas as well as many others, affects them all. It would do little good to formulate a short-run answer to the ag credit problem at the expense of a meaningful farm program.

The Farmers' View is a column that is compiled by the Public Relations Division of the Pennsylvania Farmers' Association (PFA). It expresses the views of PFA's policy positions on key issues as adopted by the organization's 23,313 family members.

Willie Nelson booked for 1986 York Fair

YORK — Willie Nelson, one of the true superstars of American entertainment, has been signed to appear at the 1986 York Fair on Saturday, September 15 at 8 pm.

Willie's return to the 1986 Fair is in response to the volume of requests received from fans who missed him in 1985. Nelson played to enthusiastic crowds at the York Fair in 1982, 1983 and 1984.

Willie Nelson's credentials as a multi-talented entertainer are impressive. He has long been a best-selling singer and songwriter. He has recorded and released more than 45 albums of material, has received four Grammy awards and four CMA awards (including Entertainer of the Year), and has appeared before hundreds of thousands of fans throughout the world. Willie has starred in movies, including "Honeysuckle Rose" and "Songwriter". And, he has been a featured performer on a number of television shows.

Willie's latest "starring" role was as one of the organizers of this year's "Farm Aid" concert for the benefit of American farmers. Through his efforts, millions of dollars were raised to assist the hard-hit farm community.

Tickets for the Willie Nelson concert at the York Fair are priced at $15 for track and plaza seats and $12 and $10 for grandstand seats.

Tickets are currently available by mail order only. Orders should be sent to York Fair Tickets, 334 Carlisle Ave., York, PA 17404. A handling fee of $1.00 per ticket will be charged. Checks, money orders, Visa, Master Card and Choice cards are accepted.

A special $2.00 advance sale gate admission ticket may be ordered along with the grandstand tickets. Regular adult gate admission is $2.50.

The 1986 York Fair will be open September 5-13.

Public Auction Register

DECEMBER

SAT. DEC. 14 - 10AM Consignment Auction of New & Used Farm & Horse Eq. Located New Hope Fire Dept. grounds, 10 mis. N. of Homer, NY, 10 mis. S. of Skaneateles, NY. Goodrich Auction Service, Inc.

SAT. DEC. 21 - 11AM Frederick A Perry Estate Auction. Located on Rt. 49, 4 mis. E. of Westfield, 2 mis. W. of Knoxville Pirrung Aucts., Inc.

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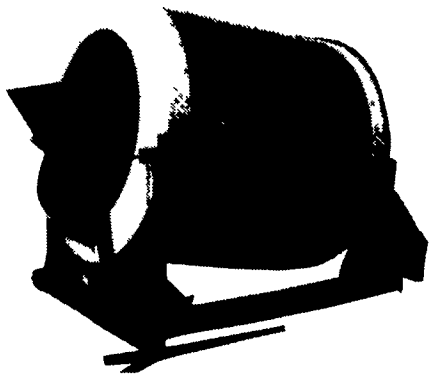

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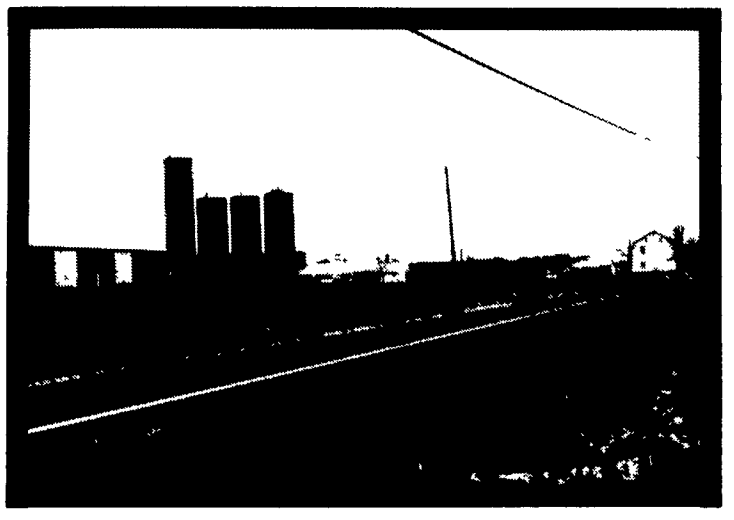

Thursday, Dec. 19

See pages A20 & 21 for information on Open House at the newly-renovated dairy facilities (formerly a chicken house!) of the Jay Bixler Family, Lancaster Co.

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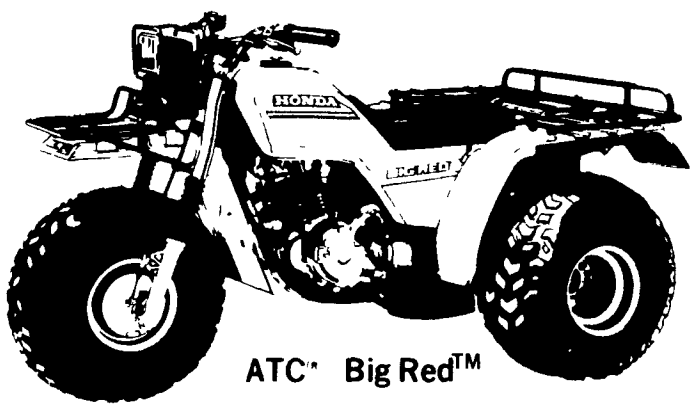

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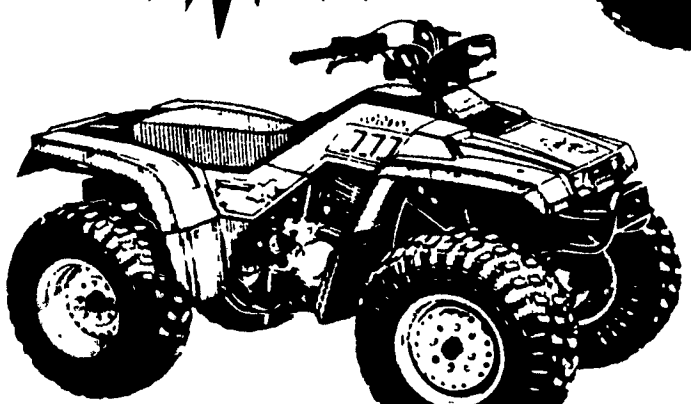

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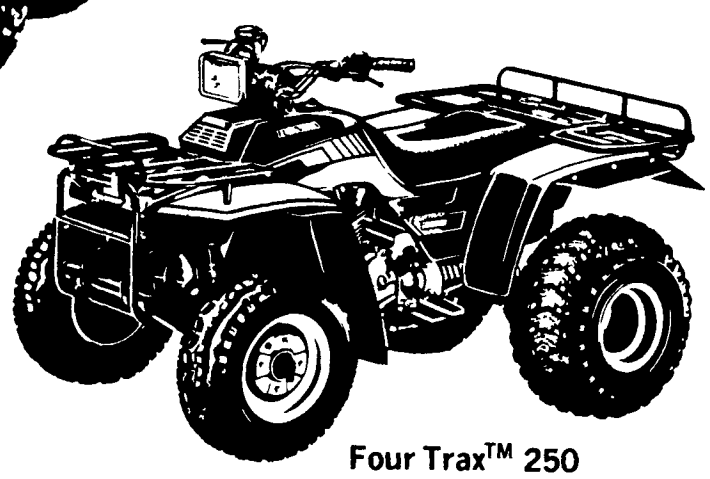

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Rows of Yule trees stripe Delta grower's fields

BY JOYCE BUPP
Staff Correspondent

DELTA – From the rolling hills that wrap around the classic bank barn and roomy house on the Joseph Kilgore farm, the air feels fresh, clear, clean. But through the refreshing outdoor scents of damp grass and moist soil hangs another fragrance.

Unmistakably, it's the smell of Christmas.

Joseph Kilgore is a Christmas tree grower. Corn and hay crops, feed for the Guernseys once housed in the lower level of the barn, have been replaced with precise rows of pine, fir and spruce that stripe the hillside like lines of silent sentinels.

A modest and quiet-spoken man, Kilgore recalls that he never really planned on getting into this sideline. What he did was to simply plant a few evergreens some years ago on a bit of farmland not suitable for growing field crops.

In time, the seedlings matured to Christmas tree size, and Kilgore sold a few one holiday season. When it proved to be an enjoyable venture, he opted to plant a few more, this time setting out the planting on some of the farm's better soils.

That was 15 years ago. Each spring now finds him carefully planting between two and three hundred baby evergreens over the twelve acres of trees.

What is more fascinating is that most of the seedlings, now transplanted each year, are started from seed by the retired dairyman.

While Christmas trees are a relatively hardy crop, growing them from seed takes extra attention. It begins with the harvest of the cones, a sort of art in itself.

Cones, the seed pods of evergreens, ripen at different times in the various species. Scotch pines, perenially popular Christmas tree type, have cones ready for harvest after the December holidays. Seeds of the fir species mature in late summer. And while Scotch pines yield seeds annually, species like white pine and Douglas fir only set seed every three or four years.

"And when the seeds are ready, you'd better get them off," Kilgore advises from experience.

It takes warmth to coax the cones open, which allows the seeds, located near the center, to loosen and fall from the cone segments. Large commercial firms, like the Weyerhauser paper corporation, have specialized equipment for cone harvest. In commercialized harvesting, the cones are heated and tumbled to remove the seeds.

After harvesting the cones, Kilgore stores the fresh seed in a cold, dry location until corn planting season. Then it goes into specially prepared, raised nursery beds maintained near the entrance to Kilgore's evergreen acreage.

Patti Hushon and her husband, Dan, rent the Kilgore farm's dairy facilities and lend a hand with the Christmas tree sales. She is especially fond of the lovely hollies that Joseph has grown from seed on his Delta farm.

Before planting, nursery beds are sterilized by pouring a commercial product over the well-dampened soil. Sterilization eliminates many of the weed seeds, and helps to control the seedling disease damp-off.

Germination of evergreen seeds is a sporadic occurence. Some Scotch pine seeds might sprout within two weeks, while others continue to show through the ground for many weeks afterward. Some may even lay dormant for a year before poking tiny green needles through the nursery bed soil.

Such irregularity of seed sprouting underscores a key to the personality of tree growers: it takes a person of patience and farsightedness to crop trees. This harvest is not ready in a few months time–or even a few years.

Scotch pine seedlings remain in the nursery beds for two years. Other species usually grow there a year longer.

When transplanting size, several inches high, is reached, the seedlings are moved to their permanent field location. A short stub, remains of the trunk of its predecessor, may mark the planting spot. Kilgore prefers to plant as early in spring as possible in ground that is uniformly moist, not overly wet or dry.

After three more years of field growth, young trees may need an initial trimming to eliminate a double top. By the following season, they will have matured to a size to be included in the annual overall trimming that determines the traditional Christmas tree shape, with compact and full branches.

"No more that a foot between sets of branches is what you want," the tree grower recommends. "I try not to cut anything but the new growth."

Trimming therefore must be worked at the right time of year, to encourage young growth and branching in the proper direction. Pines are pruned from the middle of June through the middle of July, while spruce and fir type can be left for a bit later in the season.

Even after trimming chores evergreen plantings demand attention. Clipped grass can make the difference between healthy and sickly trees, since tall grass growth inhibits air movement and thus encourages diseases.

A specialty walk-behind mower, for use in high grasses, is Kilgore's trimming tool. On just one hillside planting, the hundred rows of trees run a length of about a quarter-mile and are mowed at least four, sometimes five times each summer. A quick guess by Kilgore is that he walks about fifty miles each time he mows the tree planting.

After a few years in the nursery beds, Joseph Kilgore's evergreen seedlings are thick with needles and ready for transplanting to permanent field locations.

Joseph Kilgore prefers to cut his Christmas trees about a half-inch above the ground, eliminating stump leftovers and giving customers plenty of trunk for fastening in holders. Sometimes he gets a hand from man's best friend.

Spending that much time with the tree crop lends a side benefit. Kilgore can keep careful watch on the planting, even though he has never yet found it necessary to spray for disease or pest infestation.

"But bagworms are sometimes a problem," he adds. "If I see a tree with bagworms while I'm mowing, I just stop and pick them off."

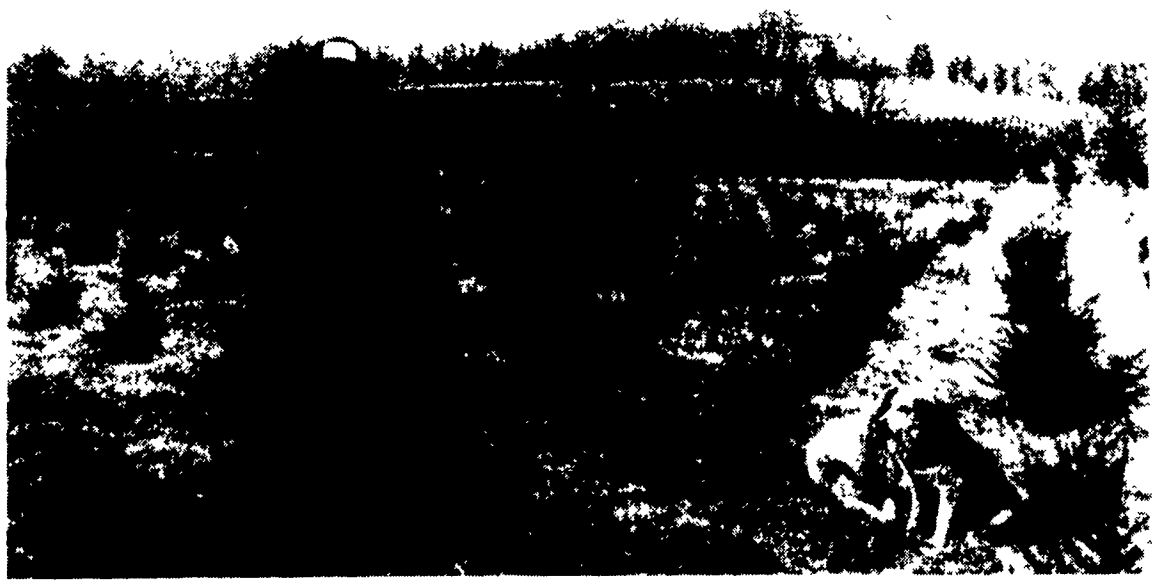
Locating evergreen plantings on sloping ground further aids air movement. A fairly rich soil enables the trees to grow and look their best, and Kilgore adds that Christmas tree species will not do well in heavy, clay-like ground.

Weather extremes can create problems, as occurred two years ago, when a dry summer was followed by a bitter cold winter. Young trees were especially susceptible. Some died, and the top growing leader froze in many more. While a new growing tip can be directed through trimming, that adds another year or two to the tree's harvest maturity.

Wildlife cause relatively few problems, although rabbits may nibble off tender seedlings and deer occasionally damage one side of a tree by rubbing against the branches.

Kilgore and his sister Dorothy, who also lives on the farm, often use such trees for their own holiday decoration. In fact, a slightly one-sided pine or fir may

(Turn to Page B4)



From high on the hill above the Kilgore farm, Joseph can scan the 12 acres planted to pines, firs and spruces.

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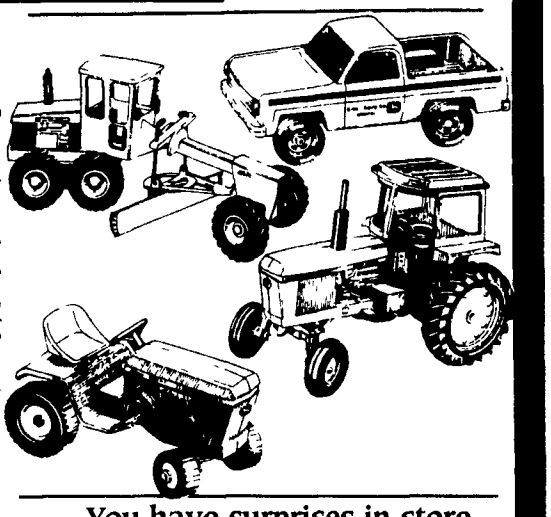

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Christmas trees

(Continued from Page B2)

be all that is left after a busy December that sees hundreds of tree customers hiking the hillsides in pursuit of the perfect evergreen.

Favoring the "choose and cut" method of sales, Kilgore prefers harvesting each tree fresh for the buyer. Saturdays in December at the farm are unbelievably hectic, but other family members keep the busiest sales day free for helping. On the second Saturday of each December, Kilgore brothers and sisters, their families and some friends, converge on the Delta farm to help scout, cut and load trees for buyers. Many of the cutomers drive from the Baltimore metropolitan area for the fresh-from-the-farm trees.

Kilgore has not found it necessary to advertise, since return customers and word-of-mouth recommendations pull in all the business he can handle.

Some customers prefer live specimens for their Christmas use. Kilgore digs these by hand, slicing around the root ball with a shovel, then carefully digging from one side to undermine the root system.

He says that such trees can successfully be replanted outside after the holidays, if preparations are made ahead. Kilgore suggests that a hole, plenty large enough for the balled root system, be dug well ahead of time, and the soil saved inside where it will not freeze. Trees up to five feet in height will do the best. They should be moved both into and back out of the warmth of a home gradually, and given time to adapt to temperature changes.

While inside, live trees should have the same treatment–perhaps even more careful–that is given cut specimens. That means keeping the tree in the coolest spot possible, since heat is a Christmas tree's worst enemy. Pleanty of water should be available to a cut tree, since the trunk butt of a cut specimen will seal off if allowed to dry out. Live specimen root systems must be kept moist and should be planted just as soon as possible after the holiday.

Given such care, holiday evergreens should stay attractive for several weeks. Spruces have shorter indoor-life spans, and will begin losing needles after three weeks. Some pines will remain in good condition for up to two months, Kilgore says.

While Scotch pines continue to rank tops in Christmas tree popularity, Kilgore also grows Douglas firs, white pines, some spruces and the Fraser fir, a relative newcomer to the tree industry widely grown in the Carolinas. Fraser firs are gaining followers as holiday decorations, since their sturdy needles cling to the tree with almost stubborn determination.

A member of the Pennsylvania Christmas Tree Growers Association, Kilgore stays abreast of industry developments by reading and attending related meetings and functions, including the national convention every other year. Through these educational activities, he has had the chance to visit a thousand-acre Scotch pine plantation in Michigan, large acreages of Balsam firs in Canada and observe the emergence of the Christmas tree industry in the south, especially in Georgia, Virginia and the Carolinas.

As a side hobby interest, Kilgore also grows hollies from seed, planting the ripe, red berries in raised nursery beds like those used for the evergreen seedlings. He also replants seedlings that sprout from berries of the large holly trees that dot the Kilgore farm. While the hollies are not part of the seasonal sales, their, colorful presence near the pines complements the holiday feeling.

With rows of trees in shades of green and bluish-greens lining the hills, hollies adding a touch of cherry red, and the fragrance of pine hovering over it all, it's obvious that Christmas–or at least a little part of Christmas–lives on this York County farm.

Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Decorate Your Tree Safely

The Christmas tree is one of the most beautiful of all holiday decorations. But the tree can also be dangerous.

If you have an artificial tree, make sure it's fire resistant. When purchasing a natural tree, make sure it's fresh. A fresh tree should have a deep green color and strong pine scent. Needles should bend without breaking and be firmly attached to the twigs. If many needles fall off when the tree is shaken or bumped lightly on the ground, the tree may be too dry.

A tree purchased too early will dry out and become a fire hazard. Even if you buy a tree at the last minute, it may have been cut very early and have dried out. Don't be misled by a nicely-shaped tree. The best looking tree may not be the safest.

Keep the tree outside in a cool area until you are ready to bring it inside. Cut about two inches off the trunk before you put it in a stand. This new cut will draw in water more easily than the original cut, which has probably hardened and dried up. Keep the stand filled with water so the tree will not dry out as fast. Place the tree away from heat registers, radiators and fireplaces that will dry out the tree much faster.

Use light cords on your tree that carry UL approval. Use only indirect lighting on metal trees. Purchase a new string of lights instead of trying to get by one more year with the old, worn out lights. Before putting any lights on the tree, check strings for loose or broken sockets and cords with bare wires showing.

Never use candles on or near the tree. Avoid small items that might look like food or candy to children who might try to eat them.

Pets Can Be Educational Gifts

There are hundreds of educational toys that teach a child to do things–read, draw or build. But have you thought of the one gift that can teach a child to be a better person? That rare gift is a pet.

A puppy or kitten that a child plays with and cares for gives his small master daily lessons in kindness, getting along with others, responsibility and love. From his furry, four-footed friend, a child can also learn about patience, sharing and how living things grow.

Psychologists who have used pets in therapy with children point out that because a house pet must be trained, this helps children accept rules and regulations for themselves.

If a child is old enough to help with the pet's training–a 10 year-old can even take his dog to obedience school–he discovers that praise and kindness get better results than force.

A pet quickly shows a child the necessity for being considerate of the feelings of another living creature. If the new puppy or kitten isn't handled gently, the new friend won't want to play with the child. A child should be shown how to lift an animal correctly–with arms supporting both the chest and the hind quarters–so the pet won't accidentally be injured.

Have you ever wished you could convince your children that speaking quietly gets better results than yelling? A pet can help you do it. Little screamers will observe that loud voices make a dog retreat under the sofa, and it takes a lot of soft talk to coax him out again.

A child who finds it hard to make friends will suddenly discover he's the neighborhood celebrity when he shows a new pet.

A friendly animal that showers love on every member of the family gives an easy-to-understand demonstration of the joys of shared pleasure. Seeing a puppy or kitten grow from helpless infancy to adulthood, gives a child some insight into his own growing up.

A pet can be a great teacher and a great friend at the same time–a valuable gift you could give a child at Christmas.

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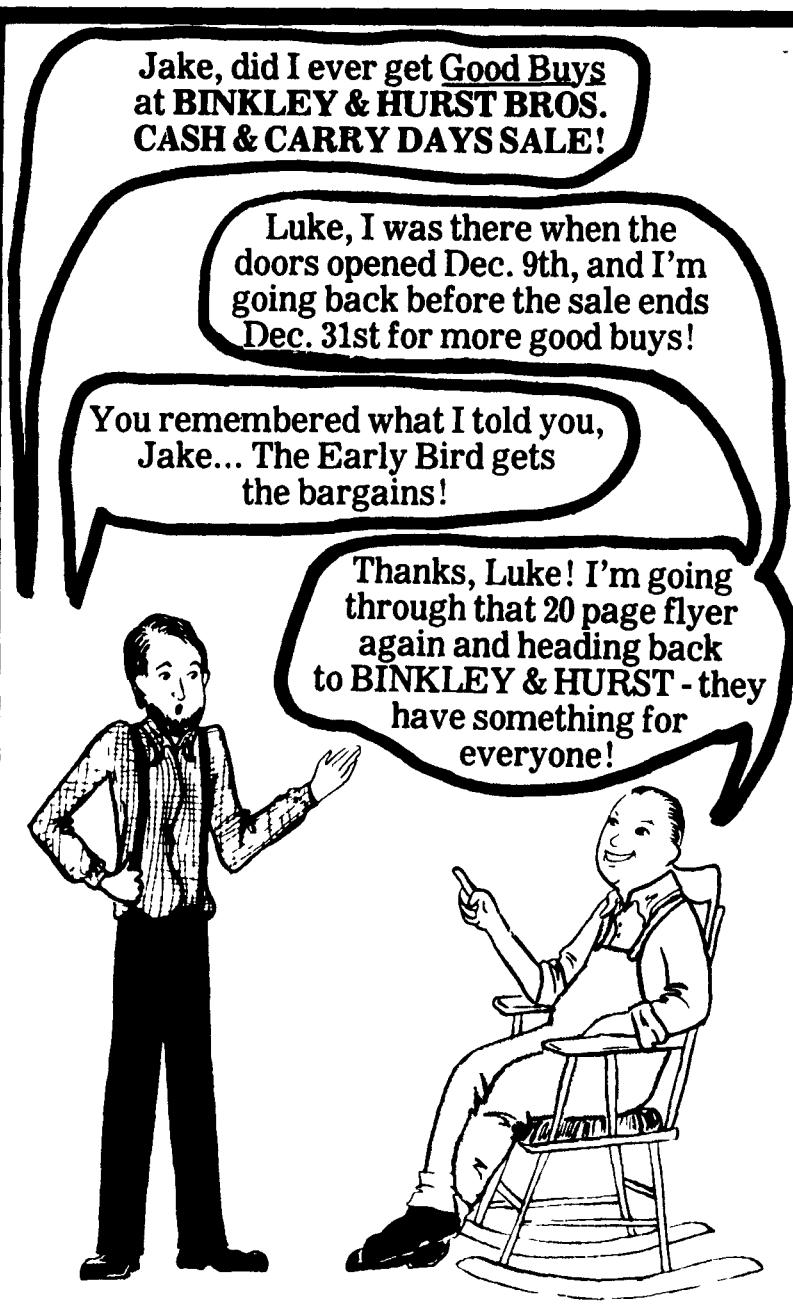
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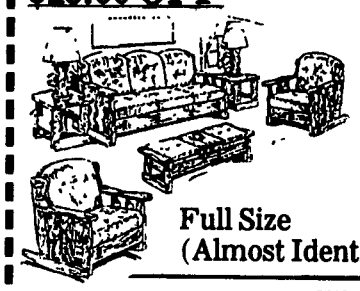

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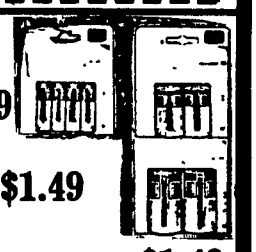

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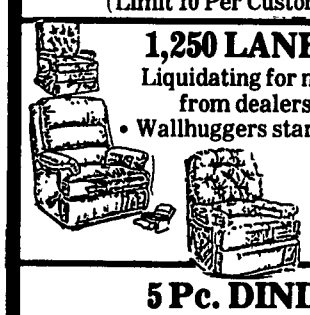

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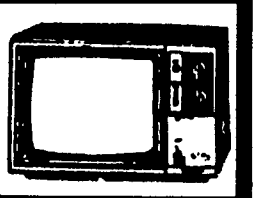

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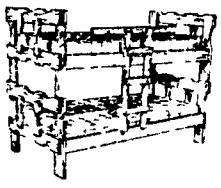

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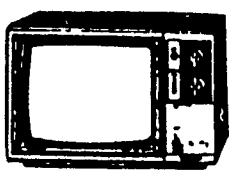

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Ida's Notebook

Ida Risser

It seems that everyday brings its own little problems. We should be glad that they are little ones, but even so they are frustrating.

The storm window doesn't fit and time must be taken to adjust the frame. A mouse gets in the utility room and chews a hole in the big bag of flour. The sweet potatoes get dry rot and must all be cooked and frozen. Or a long-awaited letter does not arrive in the mail.

Sometimes a cake decides to fall just on the day you promised to take it to church for a funeral meal. Other times, you hear that another cow has a twisted stomach and isn't likely to survive. Really frustrating is a leak "somehwere" that is discoloring the new plaster in the dining room ceiling. I've painted over it so often this summer. Even an odd haircut can make me unhappy.

It is difficult to remember the good things that happen from day to day. My red impatiens with its twenty blossoms is a beautiful sight each morning. And, the children remembering to telephone now and then is something to look forward to. The tiger cat that sits on the kitchen windowsill and begs for food loves me no matter what–even when I'm grouchy.

I'd better get down to business and address some Christmas cards and bake more cookies. We usually pack boxes to give to our many Amish neighbors. It is so nice to be able to bake them ahead of time and then freeze them until they are needed. Oh yes, I think I'll wrap some gifts too and get in the Christmas spirit.

Landis Valley gets set to celebrate Christmas

LANCASTER – Christmas at Landis Valley will be celebrated at the Pennsylvania Farm Museum of Landis Valley on Tuesday evening, Dec. 17. New to this year's event will be the addition of candlelight tours of the Tavern and the Seamstress House, which will be traditionally decorated with greens.

Christmas baking will be in progress in the Tavern and the making of traditional quilled Christmas ornaments will be demonstated in the Seamstress House. These two buildings along with the Christmas-decorated Victorian Landis Farmhouse and the Christmas toy exhibit in the Toll House will be open from 6 to 8:30 p.m.

At 7 p.m. in front of the Landis Valley House Hotel, the annual outdoor carol sing will be presented. Led By Dean Sauders and the Manheim Township High School Choir, the singing will be accompanied by the Lititz Moravian Trombone Choir led by Jean Doherty. The Rev. Tom Hoke, chaplain of the Lancaster Catholic High School, will deliver the Christmas message.

Homemade cookies, pretzels, and hot mulled cider will be served in the Conestoga Wagon Shed. The Weathervane Shop will be open from 6 p.m. to 9 p.m. for Christmas shopping. Admission is free, but canned goods and cash donations will be accepted at the Visitor Center for the Lancaster Food Bank.

Dress warmly, bring a flashlight and come celebrate a Lancaster County tradition in front of the bonfire at the Pennsylvania Farm Museum, Route 272, four miles north of Lancaster. "Christmas at Landis Valley" is sponsored by the Landis Valley Associates in conjunction with the Pennsylvania Historical and Museum Commission.

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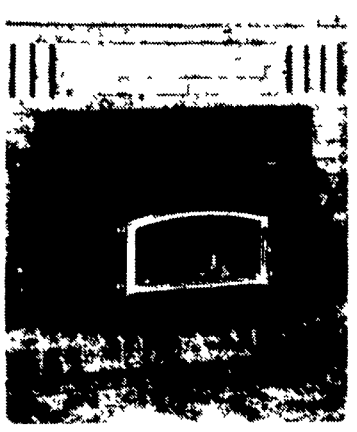

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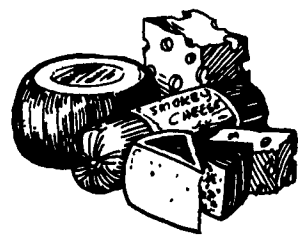
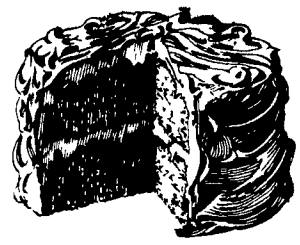


Home On The Range



Celebrate the holidays with scrumptious desserts

The holidays are always a bright spot in the midst of dreary winter weather. With the twinkling lights, cheerful Christmas greetings and general good will, it is the truly "the most wonderful time of the year."

And, for those of us with an extra-large sweet tooth, the Christmas season is special for another reason. It offers an opportunity to indulge in all those wonderful goodies we so carefully avoid the rest of the year.

If you're planning ahead for surprise — or expected — guests, take a look at the scrumptious holiday dessert recipes below. You're sure to find one that will satisfy your sweet tooth.

GUM DROP CAKE

4 cups flour
1 teaspoon cinnamon
¼ teaspoon cloves
¼ teaspoon salt
1½ cups sweet applesauce
1 teaspoon vanilla
1½ pounds regular gum drops (no black ones), cut up
1 pound white raisins
1 cup chopped pecans browned in
2 tablespoons butter
1 cup shortening
1¾ cup sugar
3 eggs
1 teaspoon soda dissolved in 1 tablespoon hot water

Sift dry ingredients. Add half of this mixture to raisins and nuts. Cream sugar and shortening. Add eggs and dissolved soda. Add remaining dry ingredients alternately with applesauce. Stir in remaining raisins and gum drops and flour. Add vanilla.

Pour in greased bundt pan. Bake at 300°F. for 2 hours. Cool 10 minutes in pan. Remove from oven. Glaze or leave plain.

Beth Ruffaner
Worthington

MOCHA SUNDAE

1 cup butter
2 cups confectioners sugar
2 tablespoons cocoa
2 tablespoons instant coffee
1/8 teaspoon salt
2 eggs
2 teaspoons vanilla extract
Chocolate swirls

Beat butter, sugar, cocoa, coffee and salt until smooth and creamy. Add eggs and blend well. Place in saucepan. Heat, stirring constantly, with wire whisk if possible, until sauce is thickened and fluffy. Blend in vanilla. Serve warm over ice cream or pound cake. Decorate with chocolate swirls, if desired.

CHOCOLATE EGGNOG PIE

Crust:
1⅓ cups chocolate wafer crumbs (about 22 chocolate wafers)
2 tablespoons sugar
¼ cup butter, melted
Filling:
1 envelope unflavored gelatin
¼ cup cold water
⅓ cup sugar
2 tablespoons cornstarch
1/8 teaspoon salt
2 cups dairy eggnog
1 teaspoon vanilla extract
½ teaspoon rum extract
1 cup whipping cream, whipped
Topping:
1 cup whipping cream
2 tablespoons confectioners sugar
Chocolate curls
Maraschino cherries with stems

For crust: Preheat oven to 350°F. Combine crumbs and sugar; stir in butter. Press mixture firmly and evenly against bottom and sides of 9-inch pie plate. Bake 5 minutes. Cool while preparing filling.

For filling: Sprinkle gelatin over water to soften. Combine sugar, cornstarch and salt in heavy saucepan; gradually stir in eggnog. Cook over medium heat, stirring constantly, until thickened. Cook 2 additional minutes. Remove from heat and stir in softened gelatin until dissolved. Add vanilla and rum extract. Chill until slightly thickened. Fold in whipped cream. Pour into cooled crust. Chill several hours or overnight.

For topping: Beat whipping cream in chilled bowl until foamy. Gradually add sugar, beating until soft peaks form. Spread over pie; garnish with chocolate curls and cherries.

American Dairy Association

DATE FRUITCAKE

1 pound pitted dates, cut in thirds
1 pound whole candied cherries
1 pound sliced candied pineapple — each cut in fourths
1 pound walnuts
1 pound Brazil nuts or cashews
1½ cups sifted all-purpose flour
½ cup sugar
1 teaspoon baking powder
½ teaspoon salt
½ teaspoon cinnamon
½ teaspoon nutmeg
4 eggs

Combine fruit and nuts in large bowl. Sift together flour, sugar, baking powder, salt and spices. Add to fruit and nuts, stir well. Beat eggs, pour over other ingredients. Mix thoroughly. Pack firmly and tightly into three 8x3¾x2¼-inch loaf pans which have been well greased and paper lined. Bake at 300°F. for 1 hour.

Chocolate Eggnog Pie is easily made, glamorous and suits all tastes.

MINI FRUITCAKES

1 pound cut-up candied mixed fruit
1 cup drained red maraschino cherries, cut in half
1½ cups chopped pecans
¾ cup flour
¾ cup sugar
½ teaspoon baking powder
½ teaspoon salt
½ teaspoon ground cinnamon
3 eggs
1 teaspoon vanilla extract
¼ to ½ cup apple juice

Grease 12 muffin pan cups. Combine mixed fruit, cherries, pecans, flour, sugar, baking powder, salt, cinnamon, eggs and vanilla in a large bowl until well blended. Spoon into muffin pan cups. Bake at 300°F. for 40 to 45 minutes or until wooden pick inserted in center comes out clean. Remove from pan; cool. Place each mini fruitcake on a square of plastic wrap. Spoon 1 to 2 teaspoons apple juice on each. Bring ends of wrap to top and tie securely with a ribbon. Store in refrigerator to ripen. Makes 12 mini fruitcakes.

CHOCOLATE RIBBON CHEESECAKE

2 cups chocolate wafer crumbs
½ cup butter, melted
1 envelope unflavored gelatin
¼ cup cold water
2 8-ounce packages cream cheese, softened
1 teaspoon vanilla
1 7-ounce jar marshmallow creme
1 8-ounce container whipped topping, thawed
1 cup semi-sweet chocolate pieces, melted

Combine crumbs and butter; press onto bottom of 9-inch springform pan. Chill.

Soften gelatin in water; stir over low heat until dissolved. Combine cream cheese and vanilla, mixing until well blended. Gradually add gelatin, mixing until well blended. Beat in marshmallow creme; fold in 2 cups whipped topping. Fold chocolate into 2 cups gelatin mixture. Pour remaining gelatin mixture over crust; carefully spoon on chocolate mixture. Chill until firm. Top with remaining whipped topping. Makes 10 to 12 servings.

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below please share them with us We welcome your recipes, but ask that you include accurate measurements a complete list of ingredients and clear instructions with each recipe you submit Send your recipes to Sue Keene Lancaster Farming, P O Box 366, Lititz, PA 17543

December	
21	Treats for Christmas Carolers
28	Cooking for a Crowd
January	
4	Recipes with Peanut Butter

Featured recipes

This week's featured recipe comes from Lancaster Farming correspondent Margie Fusco. Margie shares a favorite family holiday recipe featuring honey. The Strufoli and Pizzafiliada recipes, Italian honey balls and honey nut roll, have been handed down verbally through at least five generations of her family.

This week Margie has prepared a story on honey producer Dave Hackenberg. Look for her story in this week's B section

Strufoli and Pizzafiliadi
(Italian honey balls and honey nut roll)

6 eggs beaten to lemon color
2 tablespoons baking powder
1 cup sugar
6 to 7 cups flour
½ teaspoon anise oil
½ cup milk
1 tablespoon salt
¾ cup melted shortening

Mix sugar and melted shortening. Add eggs, then anise oil. Blend in dry ingredients alternately with milk. Dough should be pliable enough to work with hands (if it's too sticky, add a small amount of flour). Cover bowl of dough and let it rest 10 minutes or more. When rested you can divide dough in half and use for each recipe or use entire amount for one recipe:

Strufoli

1 pint honey
(preferably orange blossom)
makes ½ of above recipe

Roll dough into tiny, pea-sized balls This is very time consuming. Some people prefer to roll the dough into snakes and cut off tiny pieces. In either case, it's important to keep the bits of dough tiny, as they will puff up in cooking. Heat cooking oil to 375°. Drop dough balls one by one into hot oil. When golden brown, remove and place inside a brown paper bag to drain.

When all the balls have cooked and cooled, heat the honey gently in a large pan on the stove Gradually add the balls, stirring to coat. If the pan gets too full, you can remove the balls to a tray lined with waxed paper. When all the balls are coated, arrange on tray in shape of a wreath. Drizzle over any additional honey and add candied fruit or decorative candy topping sprinkled over wreath Drizzle over any additional honey Wreath keeps well for up to two weeks. One wreath equals half of above dough recipe

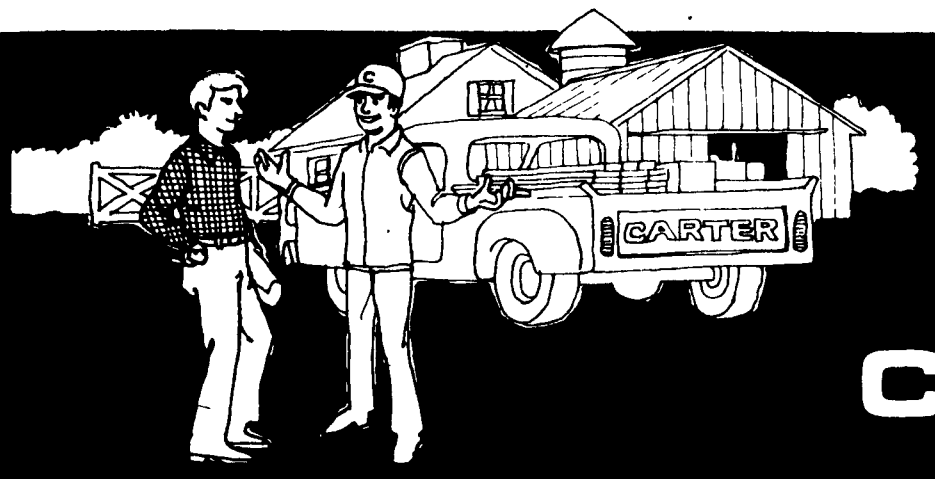
Pizzafiliadi

For one large or two small nut rolls:

10 ounce chopped nuts
6 ounce each chocolate chips and coconut flakes or candied fruit peel
½ pint honey, any flavor

One half of above dough recipe will make one large or two small nutrolls.

Roll dough out into a large rectangle about ¼ inch thick. Combine honey and nuts in saucepan and heat gently until warm. Spread on surface of dough. Add candied fruit peel or chips and coconut. Beginning on long side of the rectangle, roll up dough into a compact roll about 2 inches wide. Bake in 350° oven about 30 minutes, or until dough begins to brown. (The top of the roll may be brushed with butter or egg white to deepen the browning.) The nutroll will keep for up to two weeks.



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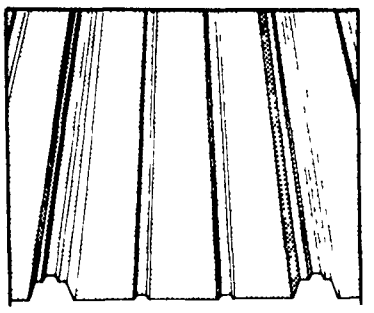

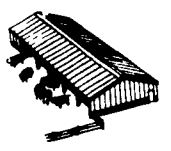

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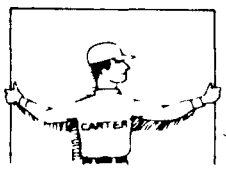

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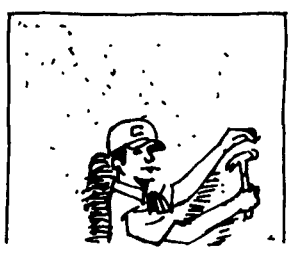

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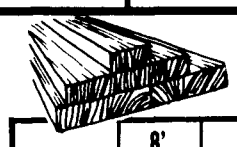

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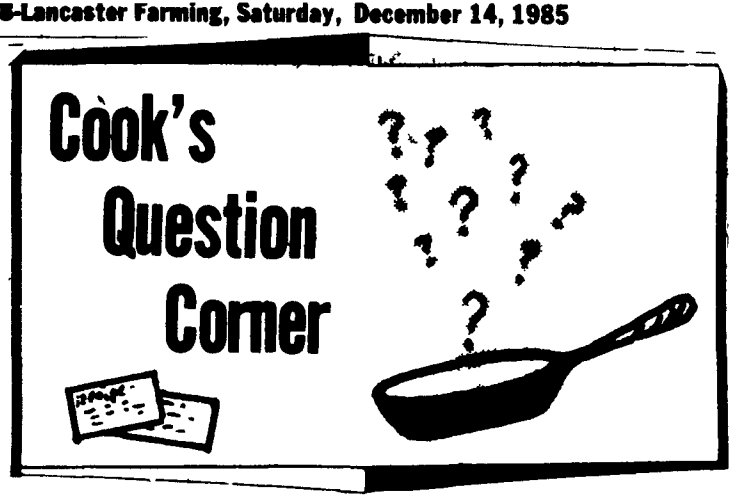

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Helen M. Nicholas, Riegelsville, would like a recipe for a soft honey cookie.

QUESTION - Joanne Heeres, Stewartsville, N.J., would like recipes for cookies that use almond paste.

ANSWER - Mrs. Hank Velkoff, Warriors Mark, requested a recipe for butter cake with a thin melted buttery topping Thanks go to Karen Wisler for the following recipe

Butter Cake

3 cups flour
1 teaspoon salt
1 cup butter
4 unbeaten eggs
2 teaspoons vanilla
1 teaspoon baking powder
½ teaspoon soda
2 cups sugar
1 cup buttermilk or sour milk

Sift together flour, baking powder, salt and soda Cream butter and sugar together; blend in the unbeaten eggs, one at a time. beating well after each. Combine buttermilk and vanilla; add alternately with the sifted dry ingredients to creamed mixture, beginning and ending with dry ingredients. Blend well after each addition Turn batter into a 10-inch tube pan, greased on the bottom Bake at 325°F. for 60 to 65 minutes or until cake springs back when touched in center Run spatula along edges and sides of pan Prick cake with fork Pour hot Butter Sauce over cake.

Cool before removing from pan Just before serving, sprinkle with confectioner's sugar

Butter Sauce

1 cup sugar
½ cup butter
¼ cup water
1 tablespoon vanilla

Combine in saucepan the sugar, water and butter Heat until butter is melted, do not boil. Add vanilla

Holiday desserts

(Continued from Page B6)

CHRISTMAS WREATH CAKE

1 16-ounce package angel food cake mix
½ cup butter
2 cups confectioners sugar
1 egg
1 teaspoon vanilla extract
¼ teaspoon brandy extract
¼ teaspoon nutmeg
1 to 2 tablespoons milk
1 cup whipping cream
1 tablespoon confectioners sugar
½ teaspoon vanilla extract
Green colored coconut
Maraschino cherries

Make cake according to package directions. Cool completely. Cut cake into 3 layers. Cream butter in small mixing bowl. Beat in 2 cups sugar, egg, 1 teaspoon vanilla and brandy extract, nutmeg and milk. Spread ⅔ cup filling between cake layers. Whip cream until almost stiff; add 1 tablespoon sugar and ½ teaspoon vanilla and beat until stiff. Frost top and sides of cake; chill. Just before serving sprinkle coconut on top of cake to resemble a wreath and decorate with cherries.

Note: to make colored coconut, simply place shredded coconut in container with tight-fitting cover. Add a few drops of food coloring for the color desired. Shake to combine. Spread colored coconut on waxed paper to dry. To store, keep in container with tight fitting cover; store in refrigerator.

FESTIVE COCONUT CREAM PUFF

Cream Puff:
1 cup water
½ cup butter
1½ teaspoons sugar
1 cup all-purpose flour
4 eggs
1 teaspoon vanilla extract
Filling:
1 5-ounce package instant toasted coconut pudding and pie filling mix
2 cups milk
1 cup heavy cream
2 medium bananas, sliced
1½ cups frozen strawberries, thawed and coarsely chopped or 1 cup sliced fresh strawberries

Preheat oven to 400°F. On large greased and floured baking sheet, draw circle, using the bottom of 9-inch pie plate as guide.

To make cream puffs, in medium saucepan, bring water, butter and sugar to a boil. Blend in flour, stirring rapidly until mixture leaves sides of pan and forms a ball. Remove from heat. Beat in eggs, one at a time, until well mixed. Stir in vanilla.

Drop ¼ cup mixture on circle on baking sheet; repeat with remaining batter, placing puffs side-by-side to form ring. Bake 35 to 40 minutes or until puffed and golden. Turn off oven; let stand in oven 10 minutes. Remove ring from baking sheet; cool on wire rack in draft-free place.

For filling, in medium bowl, combine instant pudding mix, milk and heavy cream. Beat at medium speed of electric mixer for four minutes; beat at high speed for an additional one minute. Chill one hour.

Carefully cut cooked cream puff ring horizontally in half; set top aside. Mix bananas into prepared pudding, spoon into bottom of ring; top with strawberries. Replace top; sprinkle with confectioner's sugar. If desired, fill center of ring with fruit pieces. Chill until ready to serve.

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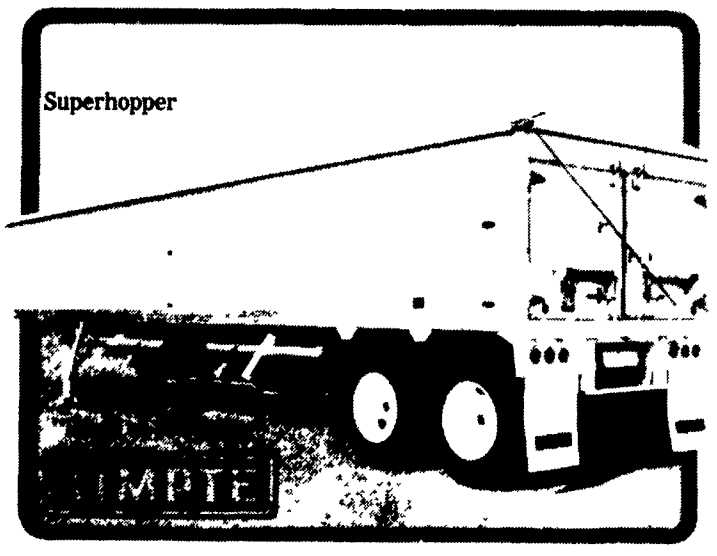

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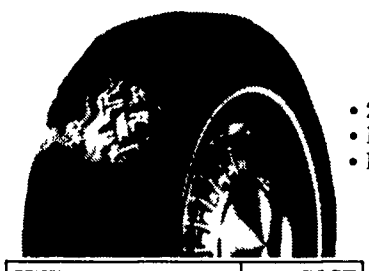

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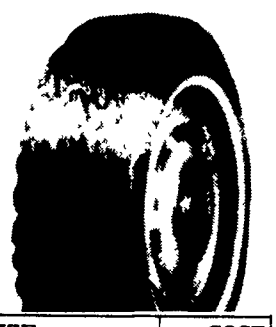

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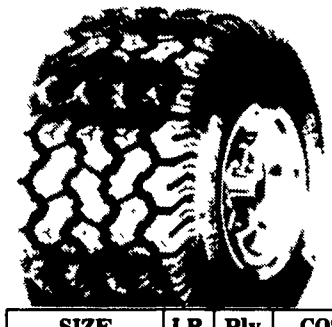

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THE MICRO WAY

LANI BLOOMER

A rich pie is a delicious way to top off any holiday meal. Here are two to choose from! If you like egg nog, the egg nog pie will be a sure hit. The chocolate walnut pie is a favorite with any age.

With all microwave pies, you must precook the pie crust before filling it, or the bottom crust will be soggy and unbaked.

A pie shell prebaked in the microwave doesn't brown, but it does get light and flaky. The browning that occurs in a range oven gives a flavor to the crust that is missing in a microwaved crust. If you are making pies for company, you will probably be happier with the shell prebaked in your range oven.

If you are in a hurry, though, and want to prebake a pie shell in your microwave, spray the bottom of a 9-or 10-inch glass pie plate with vegetable spray, or grease very lightly. Prepare your favorite crust, roll out dough, fit to pan, and flute edges.

Gently press a piece of waxed paper down into the pie, and set a second pie plate on top (or use a flat bottomed casserole). This keeps the dough from puffing up or shrinking. Microwave on high for three minutes.

Remove extra dish and gently peel off the waxed paper. Microwave on high (uncovered) for two and a half to three minutes longer until dry and flaky all over. If the crust puffs up during cooking, gently press it back against the pie plate as soon as it comes out of the microwave. It will be soft then, but will get crispy as it cools.

This chocolate walnut pie is as rich as a candy bar. Its texture is similar to a southern pecan pie, from which it was derived.

Chocolate Walnut Pie

1 9-10-inch precooked pie shell
1½ cups broken or coarsely chopped walnuts
¼ cup butter or margarine
½ cup chocolate chips
1 cup sugar
¾ cup light corn syrup
3 beaten eggs
¼ teaspoon salt
1 teaspoon vanilla

1. Sprinkle nuts evenly in prebaked pie shell and set aside.

2. Put butter and chocolate chips in a six to eight cup glass bowl or measure. Microwave on medium for two to three minutes, stirring every minute until melted and smooth.

3. Add remaining ingredients to the chocolate, stirring until smooth. Microwave on high for three minutes, stirring well halfway through. Stir again, and pour over nuts.

4. Microwave pie, uncovered, on medium (50,5) for seven to ten minutes, until it bubbles near the center. Cool slightly. Serve warm. Serves 10 to 12.

This light, but rich egg nog pie takes a while to prepare. It can be made the day before and refrigerated overnight before serving.

Egg Nog Pie

Crust:
¼ cup butter or margarine
¾ cups graham cracker crumbs
½ cup finely chopped pecans (pecan meal)
¼ cup sugar
½ teaspoon nutmeg
Filling:
⅓ cup sugar
1 envelope unflavored gelatin
½ teaspoon salt
1 cup milk
2 large or extra large eggs, separated
¼ teaspoon cream of tartar
¼ cup sugar
½ cup whipping cream (or use 1 cup whipped topping, but it's not as good!)
Nutmeg, for garnish

1. Melt butter in a 9 to 10-inch pie pan (use high for 45 to 50 seconds). Blend dry crust ingredients in a bowl, then stir in melted butter. Press firmly into pie plate. To set crust, microwave on high for two to three minutes. Set aside.

2. Combine sugar, gelatin and salt in an eight-cup measure or mixing bowl. Add milk and egg yolks, beating until smooth. Microwave on high for three to four minutes, stirring well every minute until hot and the gelatin dissolves.

3. Chill gelatin mixture in refrigerator for about an hour, stirring a few times, until mixture thickens and starts to set. Let egg whites stand at room temperature while gelatin chills.

4. When gelatin mixture starts to thicken, remove it from the refrigerator. Beat egg whites and cream of tartar until light and foamy. Continue beating and very slowly and gradually add ¼ cup sugar, beating to stiff, glossy peaks. In a separate bowl, beat cream until thick.

5. Stir gelatin mixture thoroughly, then add to egg whites and fold together thoroughly, but gently. Add whipped cream, and fold together. Immediately spoon into crust, mounding in center. Sprinkle top with nutmeg. Refrigerate four hours before serving (or up to 24 hours). Serves 10 to 12.

TIP: Recipe may be doubled if desired, to make two pies: Increase cooking time in step two to five to six minutes. Increase chilling time to about 1½ hours.

NOTE: The times above are for microwaves with 600-700 watts of power. For microwaves with 500-600, add 10 seconds to each minute; for 400-500, add 20 seconds to each minute.

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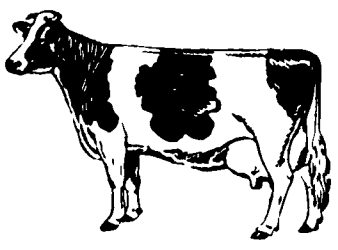

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Kid's Korner

Christmas traditions vary from place to place

BY BORIS WEINTRAUB
National Geographic News Service

WASHINGTON — In Bethlehem, Pa., the descendents of Moravian settlers follow an old custom each Christmas. They build elaborate scenes, as large as a room, filled with recreations of small towns, bucolic rural vistas, figures from everyday life. Then they go from house to house to see each family's creation, known as a "putz."

In the nation's Hispanic communities, families celebrate Christmas by staging "las posadas," processionals in which residents act out the search for room at the inn by visiting neighbors and meeting symbolic and preplanned rejection before finding prearranged success.

In Greek Orthodox homes in Astoria, N.Y., women bake a traditional Christmas pita cake with a charm inside. The child who gets the piece with the charm is considered a lucky winner.

Indigenous Traditions

Though there are certain constants of Christmas celebrations everywhere in the United States–a Christmas tree, Santa Claus, candles, the sharing of gifts–a large number of traditions are local or regional, known to those in one community and different from those celebrated elsewhere.

Often, as in the case of the putz or las posadas or Christmas pita cake, those traditions are the result of ethnicity. Just as often, they include foodways traditional with a given ethnic group.

"Of all the aspects of ethnicity that persist when a group has been there a long time, the two that persist longest are foodways and holiday celebrations," says folklorist Susan Samuelson.

Samuelson has been studying the celebration of Christmas since 1977, and recently earned her doctorate at the University of Pennsylvania with a dissertation about Christmas celebrations in this country. Her conclusions about the persistence of ethnic holiday traditions are borne out by other folklorists.

For example, Samuelson says, Czech Americans in the San Francisco Bay area follow a tradition of eating carp on Christmas Eve before going to midnight Mass. On the other hand, the Christmas Eve meal for Italian-Americans in Hammonton, N.J., usually includes squid, smelt, oysters, and clams.

Residents of the eastern shore of Maryland, where life centers around the Chesapeake Bay, use oysters to stuff their holiday turkeys, reports Charles Camp, the Maryland state folklorist says. But residents of the more landlocked area of southern Maryland serve a Christmas meal with home-cured ham, known locally as "old ham."

Decorating Differences

Methods of decorating for Christmas vary widely. Samuelson says that shopkeepers in Fremont, Calif., traditionally hire artists to paint their Christmas scenes, usually non-religious themes, on their store windows.

In Baltimore's row house neighborhoods, Camp says, most home owners decorate their own windows and doors for the holiday season. Such decorations is usually modest, consisting of assemblages of old ornaments, children's paintings, and other homemade items, Camp says.

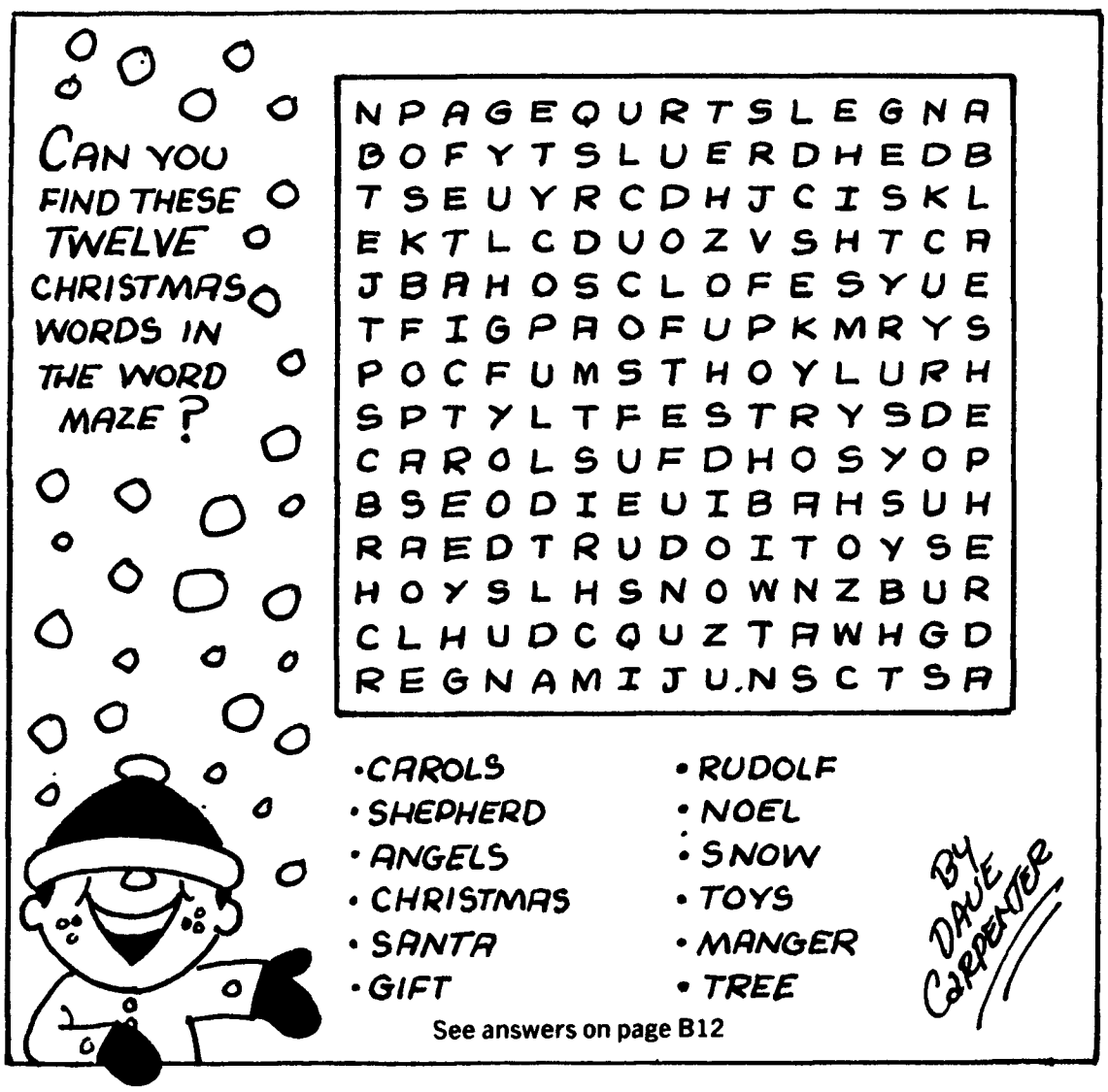
"The decorations usually are counter to the current decorating fashions" like those featured in women's magazines, says Camp. And unlike suburban areas or neighborhoods like Chicago's Sauganash, where home decorations draw visitors from other neighborhoods, "no family wants to better the Joneses, because they lived together for generations."

Some regional or local traditions have a religious basis. Steve Zeitlin, folk arts co-ordinator for the Queens, N.Y., Council on the Arts, recalls a story he collected while co-editing a book on family folklore for the Smithsonian Institution.

"A Russian-American man remembered going to his grandmother's house, kneeling on the floor for an hour, and praying in Slovak," says Zeitlin. "The youngest child was placed in a basket of straw, to symbolize the Christ child, and everyone ate a lot of garlic, to symbolize health for the coming year."

But many traditions have no religious basis. In western Maryland, Camp says, it is common to eat dinner early in the

(Turn to Page B12)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P O C F U M S T H O Y L U R H
S P T Y L T F E S T R Y S D E
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H O Y S L H S N O W N Z B U R
C L H U D C Q U Z T A W H G D
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•CHRISTMAS
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•TREE
BY DAVE CARPENTER

See answers on page B12

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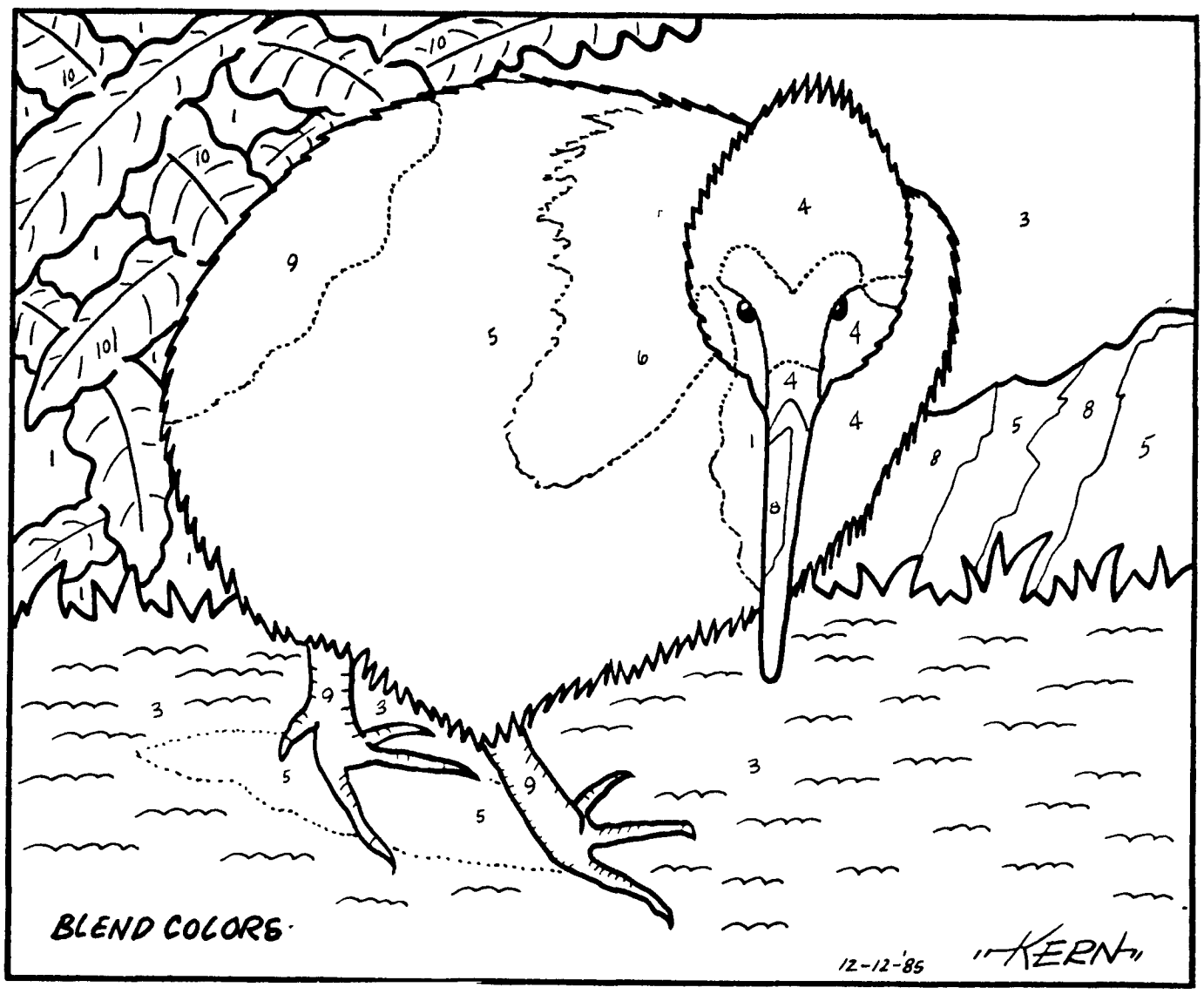

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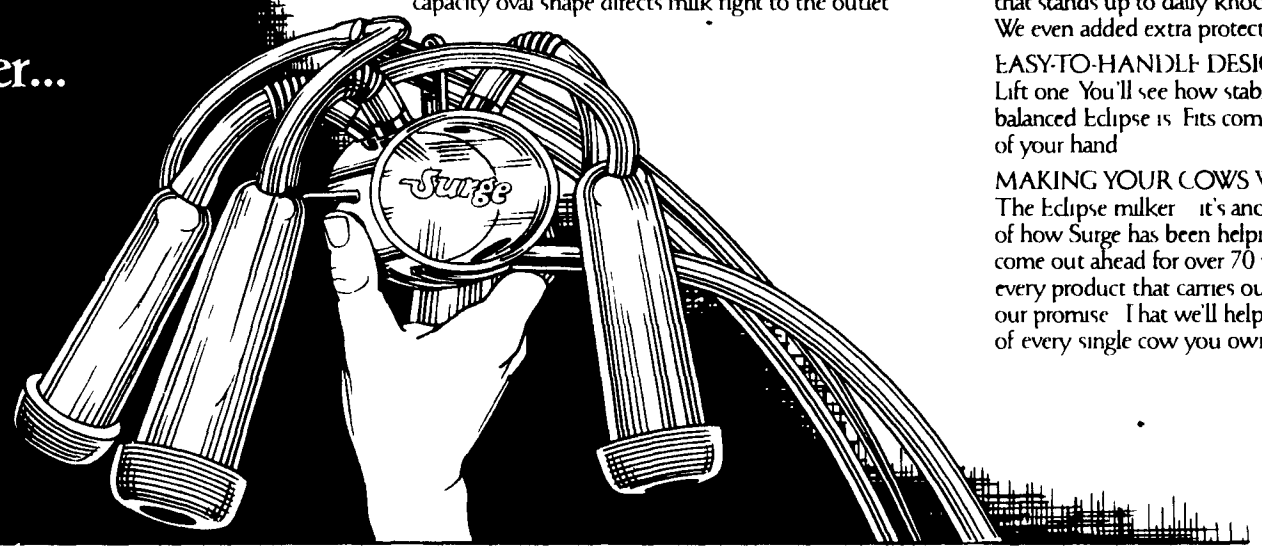

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On being a farm wife -And other hazards

Joyce Bupp

To bake or not to bake... that is the question.

Apologies to Shakespeare, but the sentiment pretty much capsulizes the holiday goodie dilemma in this farmhouse.

"Mom, are you gonna bake fruitcake this year?"

"Mom, did you bake fruitcakes yet?"

"Mom, WHEN are you going to make fruitcakes?"

How about late the afternoon of December 24? Given the disappearance rate on such appetite attractions to the Hungry Horde (a pair of teenagers), that timing might allow just a few slices of this family favorite left by Christmas Eve.

Now, I'd like to confide to you how I spend hours chopping, dicing, blending, and baking fruitcakes. But that would be a big, fat fib. My famed family fruitcake equals the simplest one-bowl applesauce cake recipe ever invented, liberally laced with additions of raisins, nuts, candied fruits, etc. Its life expectancy is greatly enhanced by storage in the freezer, with the label "liver" marked on the outside.

Simple-to-make holiday goodies seem to be a preferred part of the times, with women busier than ever both in and outside of the home. But the tradition of holiday baking seems a firm one, just modernized with easier, up-to-date methods.

There weren't quite as many shortcut methods when I remember sliping in the door from elementary school to a kitchen warm with the heavenly smell of holiday cookies.

Such memories always lead to other, more guilt-ridden ones.

Baking supplies that weren't needed on a regular basis were sometimes stored in a sort of pantry, an unheated room off the kitchen. This nifty hideaway held all sorts of childhood food treasures near the holidays: maraschino cherries, chocolate chips, coconut. Forbidden fruits, you might say. Stuff that a mother never had quite as much of as she thought should be there when the time came that she needed it. If you know what I mean.

It's a fact: no maraschino cherry made today tastes half as sweet as those filched from the pantry stores years ago.

Confessions reveal that such outlaw behavior existed as well on the paternal side on this farm family. Only the farmer's forbidden fruit was coconut, the long, chewy, stringy kind you can't seem to find any more. Seems that this kind of coconut, if properly located in the side on one's cheek, in proper quanitities, remarkably resembled a grownup's wad of chewing tobacco. And you didn't have to spit.

Either Santa never got either of us on his list of bad kids, or took loving mercy on us, because we're still waiting for the proverbial lump of coal in our stockings for childhood misdeeds.

So perhaps our Hungry Horde has inherited this tendency to demolish baking supplies.

And where are the fabled fruitcake ingredients, I ask? Someone nibbled away all the raisins. The nuts still need chopped. A jar of maraschino cherries holds three lonely ones left in the bottom. Even the bag of chocolate chips suffers from the law of diminishing returns: each time they return the level diminshes. Candied fruit has been left in safekeeping on the supermarket shelf 'til closer to the time it's needed.

There is a bit of coconut flying around the refrigerator. It's there because the bag got misplaced, behind a container sprouting a forest of something green and fuzzy.

To bake or not to bake? I may not have to.

The eldest Hungry Horde has announced plans to "bake at least 15 kinds of cookies before Christmas."

And the youngest has cheerfully volunteered to eat 'em.

Is that what you'd call working together as a family to set up holiday traditions?

Christmas traditions

(Continued from Page B10)

day, because Christmas comes during the deer-hunting season, and it is traditional for men to go hunting that afternoon.

Recent Developments

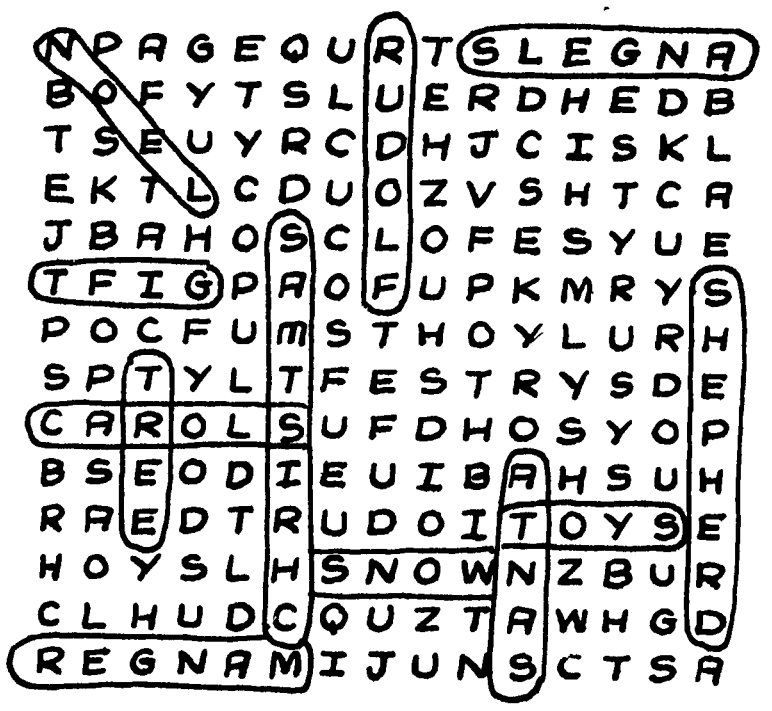
This is not quite as radical a notion as it might sound. Samuelson found in her research that until the coming of the 20th century, Christmas was not celebrated primarily as a religious holiday in this country. In fact, among some religious groups such as the early Puritans, it was frowned upon to celebrate Christmas, because the holiday was thought to have a pagan history.

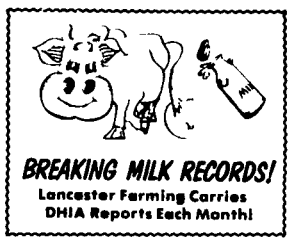
But as the holiday became linked with a religious theme, another tradition developed: griping of a specific kind.

"If you read the mass magazines back into the 1890s," says Samuelson, "it's interesting to see the articles complaining that Christmas is becoming too secular, too commercialized."

Traditions like that tend to linger on.

Answers





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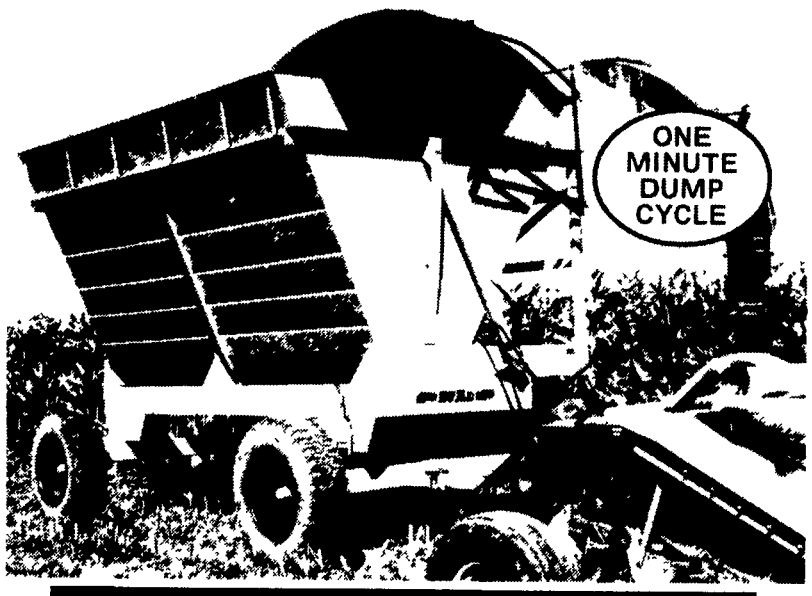

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Recognized at the recent Union County 4-H leaders banquet were, from left, Dr. Alan Snider, Clifford Valentine, representative of Northeastern Farm Credit Service and recipient of special 4-H certificate; and Leah Bingaman, 25-year leader.

Union County 4-H leaders honored at banquet

LEWISBURG — Union County 4-H leaders were honored at the recent 4-H leader-teen leader banquet.

The evening featured recognition of 66 adult and teen leaders and a presentation about 4-H by Dr. Alan Snider, state 4-H program director for the Cooperative Extension Service of the Pennsylvania State University.

Dan Spangler, president of the Union County Extension executive committee and Carol Nunn, president of the 4-H advisory committee commented on 4-H and Extension.

The banquet was sponsored by the 4-H advisory committee, a group of 13 adult and teen volunteers who give guidance to the overall 4-H program in Union County.

Special recognition was given to Leah Bingaman, 25-year leader of the My-T-Fine 4-H Club. Other leaders recognized for over 10 years of service were: Viola and Gilbert Kreamer - 26 years - Buffalo Valley Riders; Madeline Zimmerman - 12 years - Kelly-Ites; Pam Reichard - 14 years - My-T-Fine Club; and Karen Showers - 13 years - Busy Bees.

For more information about the Union County 4-H program, contact Corrine M. Wolff, Extension 4-H Agent, at 717-524-4461, Ext. 67.

Parents should trim gift list when it comes to toys

COLLEGE PARK, MD — More is not necessarily merrier when you select toys for your children this holiday season, says a specialist in human development from the University of Maryland Cooperative Extension Service.

"The message from television, radio, newspapers and magazines is 'If you love your children, you'll have plenty of gifts waiting for them under the Christmas tree'," says Billie Frazier.

"But giving too many gifts typically teaches children too many wrong lessons."

For example, parents who go well beyond the bounds of budget when they buy toys may send to their children the wrong kinds of messages about spending money.

Says Frazier: "Kids pattern themselves after their parents. Consequently, if Mom or Dad go out on a financial limb every year at Christmas, kids absorb the message that it's really okay to spend recklessly."

Moreover, even if money is not an issue, too many gifts can still create problems, says Frazier. She explains: "Children need limits, even with holiday toys and gifts. They need to learn that not all wishes are granted, either to youngsters or adults."

Unfortunately, too many parents are still trying to indulge their child's every wish.

Last Christmas parents spend an average of $250 per child - a statistic that makes Frazier cringe.

She stresses: "A few well-chosen gifts that will last and be used in a number of ways are much better for children than a host of extravagant gifts. By doing so, you're not only playing down the material side of the holidays, you're putting the spirit back into giving."

To keep your gift giving within appropriate bounds this holiday season, Frazier recommends that you:

- Carefully analyze your motives for giving. Don't shower your child with gifts to buy a favor or compensate for misplaced guilt. Instead, give for the sake of giving.
- Play up other traditions besides gifts - tree trimming, family reunions and caroling, for example.
- Consider giving "family" rather than individual gifts - games, sports equipment or food.
- Encourage your family to decrease personal gifts and increase contributions to charity.
- Give at least one homemade gift to family members.

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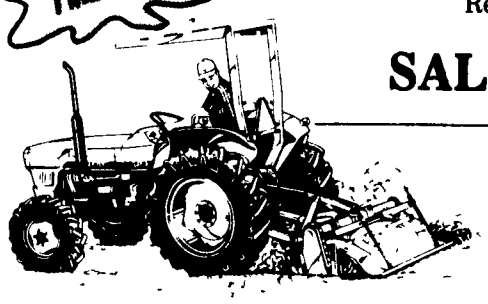

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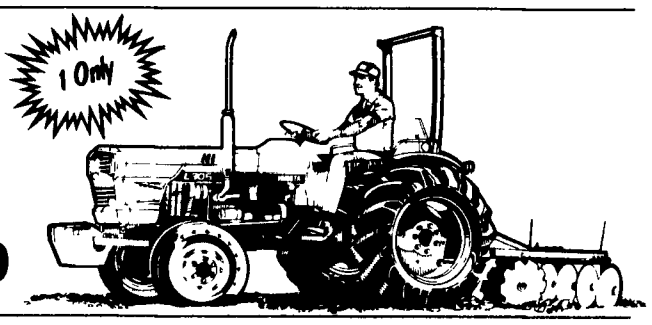

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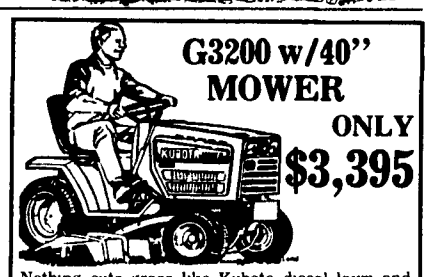

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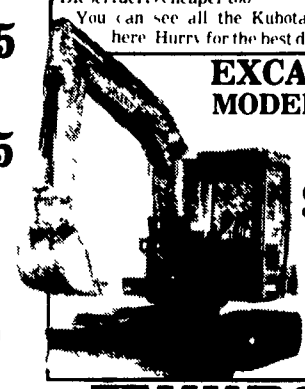

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York County 4-H'ers honor Robert Weikert

BY JOYCE BUPP
Staff Correspondent

YORK – York County's 4-H sheep and swine members honored their 1985 buyers during the clubs' annual achievement night, held last Saturday at the 4-H Center.

Special recognition went to Robert Weikert for his outstanding support of the 4-H livestock programs and sales. Weikert hosted the summer roundups at Weikert's Buying Station, located in the former Thomasville Livestock Auction. In addition, he purchased a total of 17 lambs and 20 swine from the roundups for Weikert's Meat Marketing firm, including some champions and class winners.

Other buyers of champions and reserves were Stewartstown Milling, SunCro Associates and T.L. Polled Herefords, Reisinger Food Products and Hatfield Packing Company.

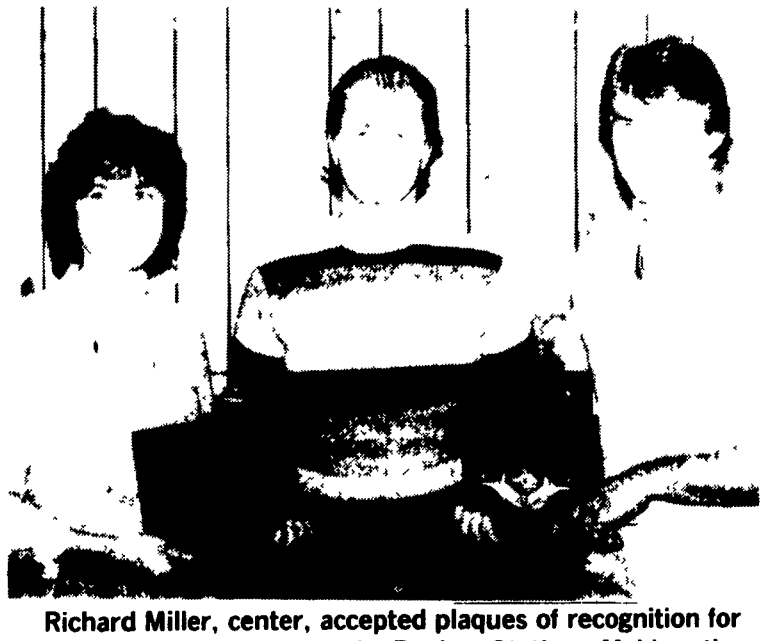
A new award, for rate of gain, earned honors for lamb club member Greg Bankert, Hanover. Bankert topped a field of 119 head in the gain rate contest, with a daily gain of .688 pound per day on his project lamb. Finishing in the second slot was Chris Shaffer, tabulating a .633 pound gain, while Mark Eberly took the third award on a lamb gain of .626 pound per day. Travis Renfro and Alicia Strausbaugh split the fourth place honors, both with lambs averaging a gain of .566 pound per day.

The lamb club added a roll call champions as well this year, with members accumulating points for brief presentations on their projects given at each meeting. Matt Klinedinst and Matt Sellers tied for first-place honors in the rookie category, while Jesse Deitz was second, and Mike Zeigler, third. Junior winner was Amy Dutrey, with Tammy Flory in the second place and Terry Flory, third. Topping the senior age group was Brian Klinedinst, Holly Crisamore in second, and a tie for third between Melissa Trostle and John Eaton.

Both clubs recognized their champions from the two summer roundups. Alicia Strausbaugh and Sonja Shearer split the lamb champion honors in the two shows, with reserves going to Brian Klinedinst and John Myers.

Swine championships were split between brothers Brian and Greg Bankert, with Brian also taking a reserve ribbon, along with Chris Shive.

Also winning special recognition was a member of both clubs, Melissa Trostle. Melissa, daughter of Ronald and Yvonne Trostle, Red Lion R2, is one of six national 4-H swine winners, named during the recent 4-H National Club Congress in Chicago. She is one of just two national 4-H winners in Pennsylvania, and plans to use the $1,000 scholarship prize toward her studies for a nursing degree.



Richard Miller, center, accepted plaques of recognition for Robert Weikert of Weikert's Buying Station. Making the presentations were Holly Crisamore, lamb club president; and Brian Bankert, swine club president.

Melissa Trostle, a national 4-H swine project winner, accepts congratulations from York County extension agent Tony Dobrosky. With the national honor goes a $1,000 scholarship.

Special awards winners from the York County 4-H lamb club include, from left, Amy Dutrey, Greg Bankert, Mike Klinedinst, Brian Klinedinst and Matt Sellers.

Delmar Lehman named Franklin Co. Shepherd of the Year

CHAMBERSBURG – Delmar Lehman, 2314 Warm Spring Road, Chambersburg, was named Shepherd of the Year at the Franklin County 4-H Shepherds awards dinner held recently at Trinity Lutheran Church, Chambersburg. The year-end meeting of club members and parents is held annually to recognize the achievements of the Shepherds in various categories.

As a third-year member of the club, Delmar Lehman has progressed rapidly in his ability to raise sheep, finishing in the top ten of the carcass judging and in the market lamb competition. He is the son of John D. and Lois Lehman and a junior at Shalom Christiam Academy. Club leader Elizabeth Keener presented him with a copy of Paula Simmons' book "Raising Sheep the Modern Way."

Recognition was given to Shepherds who have won various club contests throughout the year. Fitting contest winners were Ken Bixel, David Sheiss, Eric Sheiss, and Donnie Sheiss; Lamb and Wool Queen, Christiana Keener; Lamb and Wool Princess, Gretchen Christman; showmanship winners: Kelby Mowery, Gretchen Christman, Eric Sheiss, and Donnie Sheiss; and market lamb champions Eric Sheiss, grand champion and Bobby Martin, reserve champion.

Enameled Suffolk sheep pins were presented for the following: most improved shepherds, Roger Carbaugh and Rachel Coady; most consistant and helpful member, Julie Dice; most effective fund raiser, Kelly Boyd; perfect attendance: Kelly Boyd, Kelby Mowery, Craig Fusting, and David Sheiss. County Agent William Reagan congratulated Rachel Coady for completing the best project book.

Weight-gain awards in the market lamb classes were awarded to Bobby Martin, Craig Fusting and Lee Golden.

Appalachian Lamb Company, Greencastle, conducted the carcass grading for the club's first competition this year. Members finishing in this category were Craig Fusting, Rick Fusting, Heather Fusting, Lee Golden, Delmar Lehman and Kelby Mowery.

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R D 3
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M S Yearsley & Son
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S G Lewis & Son, Inc
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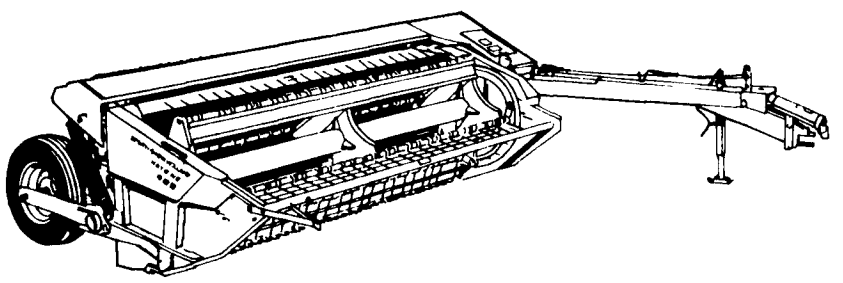

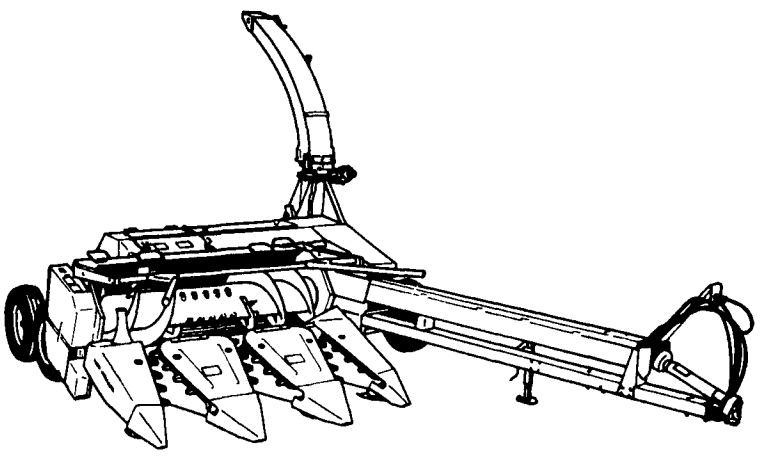

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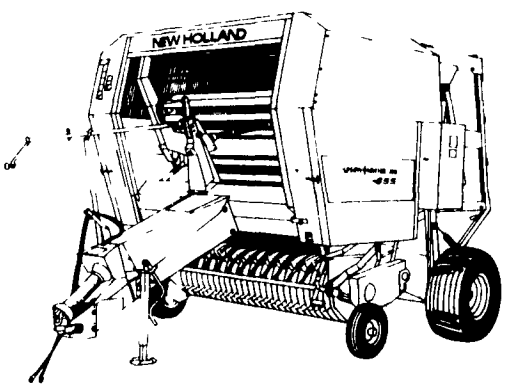

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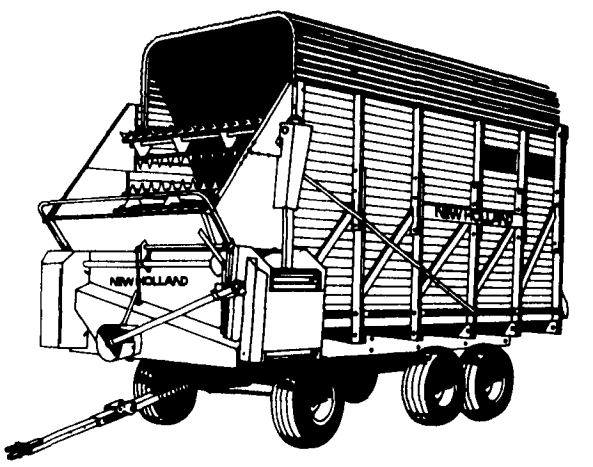
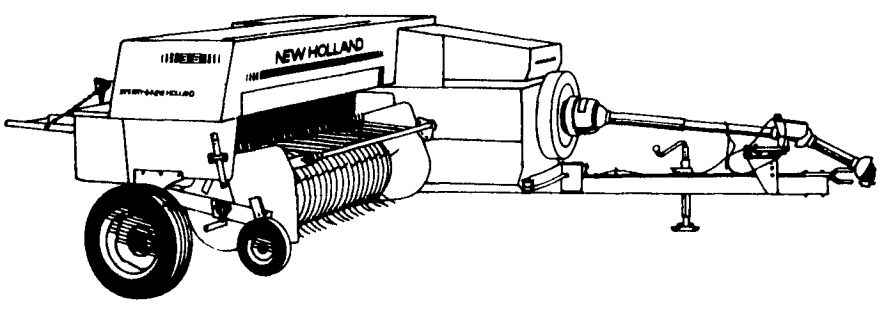
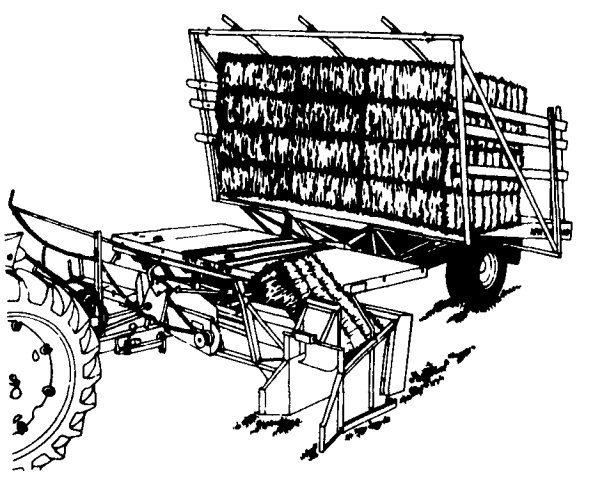






Donato's Christmas Shoppe offers guests a visual banquet

BY MARGIE FUSCO
Staff Correspondent

DANVILLE — Most folks who drive Route 642 west of Danville, know the Donato farm on sight. It has a picture-postcard barnyard where strutting roosters and pecking hens stand out against the red buildings. My own personal introduction came the day a goose decided to slow down traffic and roosted on my car hood.

But like many passers-by, I noticed only the signs on the property: Brown Eggs and in season Ducklings for Sale and Sweet Corn, and farther down the road at the barn, Gunsmith and Christmas Shoppe. I stopped occasionally on my way home from work to pick up a needed dozen eggs or sweet corn, but until recently my only interaction with the Donatos was limited to their impertinent goose and an impersonal change basket by the roadside.

This December, at last, I discovered the Christmas Shoppe and the Donato family. Both discoveries were delightful.

The Donatos came to central Pennsylvania a decade ago. Their arrival was somewhat accidental. They lived in Somerville, N.J., where Pete was a gunsmith and Pat a nurse who also enjoyed dealing in antiques.

They originally came to central Pennsylvania to visit a friend who had moved to the Danville area. During the visit, Pat and Pete said they were interested in finding a retirement home for their future, and they liked the area. The friend connected them with a real estate agent who showed them several selections.

"He must have hated us. We didn't like anything he showed us," Pat recalls. Finally the agent mentioned offhandedly an old farm property that was somewhat rundown but had seven fireplaces.

"We asked to see it," Pat says. "And we fell in love immediately." They bought the 35-acre farm that day and found themselves moving in, although they were more than 20 years away from retirement.

In the beginning, Pete set up his gunsmith business in the smaller of the property's two barns. An avid outdoorsman, he looked forward to making use of the tillable acreage and trying his hand at crop farming. The rest of the family's farming came along almost by accident. "A friend gave us a hen and two chicks as a gift," Pat explains, "and it just sort of grew."

Today there is a busy barnyard of poultry and fowl. Pat notes that the poultry business helped to pay off her daughter's art school education. A self-confessed "city girl," Pat is especially proud of having recently received a Grade A rating from a state poultry inspector who visited the farm.

Pete has turned most of the operation of the gun shop over to their 23-year-old son Craig, while he concentrates on growing corn and vegetables. More recently, the Donatos have added horses and sheep to their property. They are pleased to be able to grow most of their own feed for the livestock.

Today there are four generations on the Donato farm. Pat's mother, Rose Calabrese, lives with them. And Craig, his wife, Chris, and their three-year-old daughter, Candace, live over the gun shop, which Craig and his father converted into an apartment.

With Craig and his older sister Lori established in their own lives, Pat wanted more to do. She had little desire to return to nursing and was looking for something she could establish on the farm. Pete suggested converting the ancient pigpen into a shop, and since Pat is especially fond of Christmas, the idea for the Christmas Shoppe was born.

It wasn't long before news of the shop had spread. And as its popularity grew, so did the need for more space. "Last year cars were waiting in line to get in the yard," Pat admits. She knew it was time to move.

Pete, who enjoys renovating, suggested the top level of the 18th-Century bank barn. Pat confesses that she was reluctant at first to make the move, but now she is pleased because there is ample space outside for parking and inside for a holiday world of merchandise.

Rose Calabrese (left) and her daughter, Pat Donato, relax by the fireplace.

Candace Donato, 3, shows off one of her favorite toys, a lamb.

The "farm" tree features pig, cow, duck, chicken and horse ornaments.

Visiting the Christmas Shoppe is like being a guest at a feast. The treats begin in the parking lot, where you are greeted by a curious rooster and a calico cat. Everyone pauses at the front window, where a holiday village has been set up. Opening the door, you enter a cozy, homey place as comfortable as a good friend's kitchen.

"Mmm, it smells so good in here," the woman after me remarked.

Before you is a visual banquet. There are ornaments everywhere, hanging around the counter and arranged neatly by category on display shelves. What would you like? There are pigs, cows, sheep, horses, ducks, geese, tractors, Santas, cats, mice, angels, baskets, blocks, clowns, trains, unicorns, bears, and musical instruments, to name just a few. There are unusual and unique items, such as the delicate white ornaments that look as if they've been cut from doilies but are actually fine metal work, and the shimmering, swirling blues and lavenders of art glass ornaments.

The shop seems as much a celebration as a selling place. There are handsomely decorated trees in every corner with themes that reflect farm life and the Victorian era. Toys and dolls are not simply shelved. They sit on miniature wicker furniture, ride doll-size wagons or even rock on a handmade horse, as if about to come to life. At one window overlooking the farm is a table set for New Year's Eve in bold splashes of red, black, and white.

One favorite part of the shop is the hearth. The room is warmed by a fireplace Pete built from stones found on the property. The Donatos have placed a Queen Anne chair beside the fireplace and often leave the day's newspaper nearby. Men who come to the shop with their wives can sit down and relax with the paper while the women shop. Pat notes that more than one fellow has been comfortable enough to fall asleep there.

Children who visit can find a place on the hearth, too. There is a deacon's bench and a supply of toys underneath. Pat's mother, Rose, often helps out by playing with the children while mothers shop. When the weather is nice, Pat encourages the children to visit the horses and sheep in the lower level of the barn, and the farm is becoming a popular stopover for school groups and scout troops.

It's easy to forget that you're in a barn, and Pat reports that shoppers are sometimes startled when a horse downstairs kicks a stable wall. More than one visitor looking over manger scenes has been puzzled to hear the bleat of live sheep.

On any day of the year there are dozens of shoppers in and out of the store. In cold weather Pete comes and goes, adding wood to the fire and reporting that he's on his way to bring in the last of the corn. Rose helps restock some shelves and comforts a restless baby. Chris drops in to see if Pat needs any help, and Candace gives her three-year-old opinion on what the customers should buy.

What draws people to the Christmas Shoppe? It is, in part, the variety of goods. There are stocking stuffers, books, toys, and holiday goods from around the world. There are art pieces and antiques as well as unusual merchandise that ranges in price from 15 cents to $450 and more. But listening to their comments in the store, shoppers have come for the atmosphere as well.

One man who was on his way to a nearby college and stopped for the first time says to Pat, "This is such a nice store." Customers seem to linger over the displays. In truth, after I'd circled the store for the tenth time, I was still finding new wonders to catch my eye. One large, burly man who admitted he'd come shopping reluctantly with his wife kept telling Pat, "Your shop is so beautiful."

Although Pat likes to credit Pete with the coziness of the room and her daughter Lori with the artistic display work, she admits the shop is a work of love for her, too. She is pleased to make the shop a reflection of the warmth she feels for her adopted home.

"We fell in love with this place, this country. People tend to underrate it, but central Pennsylvania has it all, the hills, the farms, the seasons. I'm delighted to be part of it."

Spend quality time with family

NEWARK, Del. — Holidays are a time for families to share special moments so they create memories and traditions for tomorrow. But families need to plan for this quality time, says Debbie Amsden, University of Delaware extension home economist.

"Quality time involves people giving each other their full attention while interacting in a positive manner," she explains. "The goal is enjoyment. It may include an activity that brings people together for a common experience."

The key to quality time is the conversation that links people as they hear what's going on in each other's lives, she says. In the midst of the holiday season, families may have difficulty finding quality time. But they need to stay in touch as each person prepares for the celebration.

"It's unrealistic to expect to engage in holiday activities on top of a regular schedule," Amsden cautions. "Something has to give."

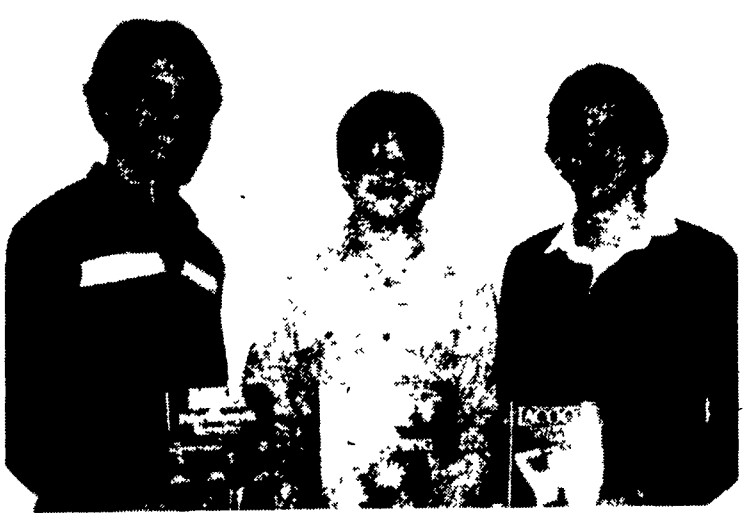
She suggests that families study a calendar and decide what can be dropped or postponed. Engaging in too many activities is counterproductive to quality interaction.

"Family members may want to eliminate some regularly scheduled leisure activities to make time for special holiday events," says the home economist. "Or they may decide to cut corners on chores and clean less often. They may also plan to miss monthly meetings in December to create more shared family time."

"Parents can't always explain the significance of certain activities to their children," says Amsden. "But with time, children's tastes will change and they'll be grateful for the traditions created today.

Bobbi Smith (left), Abbottstown; Earl Wilkinson, Gettysburg; and David Smith, New Oxford, received the 4-H "I Dare You" Award. The award was presented and co-sponsored by York Farm Credit Service represented by John Weaner.

Others receiving the award but not in the picture are Travis Sherman, Jenny Otto, Darcey Robinson, Chris Todt, Katie Ranalli, Melissa Keller and Jason Boyer.



Dan Wilkinson (left), Gettysburg, received the Bill Miller Memorial Award; Larry Feeser, Jr., New Oxford, received the Lois Smith Memorial Award; and Tad Kuntz, Gardners, received the Robert Lott Memorial 4-H Award during the 1985 Adams County 4-H Achievement Night Program.

Adams Co. 4-H'ers honored at Achievement Night

GETTYSBURG — Adams County 4-H members were honored recently at the Annual 4-H Achievement Night.

Special memorial leadership awards were presented to the following: Teal Weaver, Biglerville, received the ABC Williams Award; Tina Renoll, Aspers, received the Rose Murren Award; Dan Wilkinson, Gettysburg, received the Bill Miller Award; Tad Kuntz, Gardners, received the Robert Lott Award; Jacki King, York Springs, received the Mrs. Edward Snyder Award; and Larry Feeser, Jr., New Oxford, received the Lois Smith Award.

Others received the national "I Dare You" Leadership award. These 4-H members were honored for excellence in character, and balanced personal development and leadership potential. Those who received the award were: Travis Sherman, Abbottstown; Jenny Otto, Gardners; David R. Smith, New Oxford; Jason Boyer, East Berlin; Chris Todt, Hanover; Katie Ranalli, Gettysburg; Earl Wilkinson, Gettysburg; Melissa Keller, Gettysburg; Bobbi Smith, Abbottstown; and Darcey Robison, Aspers. Each award winner received a copy of William H. Danforth's book, "I Dare You." The book presentation was made possible by the American Youth Foundation and York Farm Credit Service.

Eleven-year members recognized were Carol Hobaugh, East Berlin and Tina Renoll, Aspers. Ten-year members recognized were Margaret Coldren, Abbottstown; Tom Dunchack, Littlestown; Angie Hawn, Gettysburg; Jacki King, York Springs; Rhonda Weigle, Gettysburg; Tom Yake, New Oxford; Steve Steele, Littlestown; Kathy Meckley, Abbottstown; Sharon O'Brien, York Springs; Amy Sherman, Abbottstown; Ken Shetter, Gettysburg; Kathy Todt, Hanover; Carol Clowney, Gettysburg; and Jennie Hess, Gettysburg.

Some members received recognition in specific 4-H National Award program areas. The award was based upon the member's comprehensive record of activities in 4-H and their excellence within the specific program area.

Carol Hobaugh, East Berlin, was designated a state winner in Achievement and Amy Sherman was a state winner in the Scholarship Area. Both represented Adams County and Pennsylvania at National 4-H Club Congress, held in Chicago the week following Thanksgiving.

Airville 4-H

The Airville 4-H Club presented club awards during its annual achievement night.

Club awards were presented as follows: beef, Justine Hedrick; ceramics, Dwight Hedrick; clothing, Mary Muller; entomology, Brice Linder; horse, Tina Hedrick; quilting, Mandy Mitchell; and small engines, Joe Mitchell.

Wildlife, Cory Snyder; rookie girl, Kerrie Kilgore; rookie boy, Allen Muller, outstanding junior girl, Jenny Jefferies; outstanding junior boy, George Williams; outstanding senior girl, Kandie Kilgore; outstanding senior boy, Andrew Dawson, Jr.; achievement, Joe Caudill; senior achievement, Trudy Grove.

Special awards were given to Sharon Ebaugh and Bess Hutschenreuter for their many years of service.

During the program Mrs. Ebaugh was surprised and honored by past and present 4-H'ers and members of her family. She received many letters of thanks from past members and a quilt commemorating her 25 years of leadership in Airville 4-H.

Little Lions FFA

A group of square dancers from the State College "Little Lions" FFA Chapter attended the recent National FFA Convention.

Twelve dancers, a square dance caller, and their advisor, David Seamans, traveled by motor home to the convention, making several stops to perform. The group visited and performed at the Chicago High School of Agricultural Science in Chicago; Hudson Christian Home in Hudson, Wis.; and Sand Hill Farms in Somerset, Wis.

At the convention the group made three performances around Kansas City and performed in the National Talent Show.

Students attending the convention were Cindy Bracken, Gib Corl, Mark Duck, Leigh Fyock, Brian Harpster, Joyce Harpster, Jeff Martin, Tammy McTavish, Jenny Nuss, Emily Peters, Bobby Rider, Kathy Rider and Dave Seamans.

On the way home the group visited the Arch Museum, Anheuser-Busch Brewery and the North American Livestock Exposition in Kentucky.

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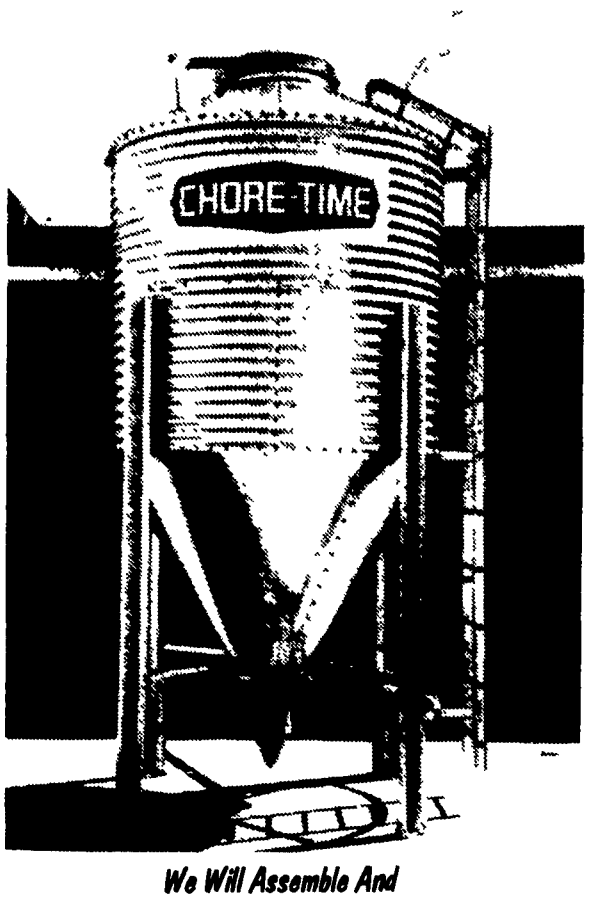

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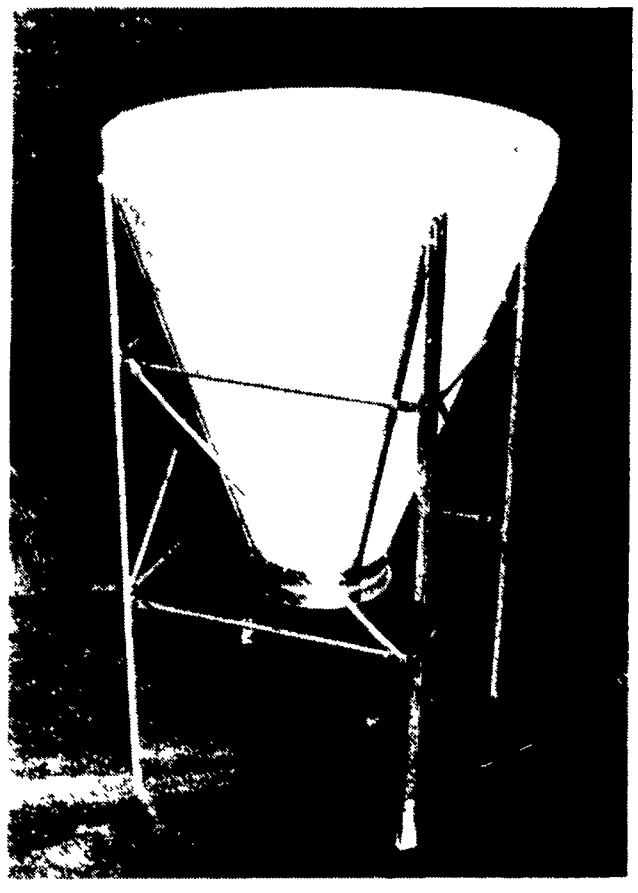

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Dave Hackenberg turns bees into a 'blooming' business

BY MARGIE FUSCO
Staff Correspondent

LEWISBURG — Dave Hackenberg is on the road again. But he's not alone. Although his wife, Linda, and their four children are still home, Dave has lots of company...about 19 million bees.

Dave's Buffy Bee honey business, headquartered in Lewisburg, moves south in November. His bees will spend a busy season pollenating citrus fields around Dade County, Fla. Then they'll return north to yield sweet orange blossom honey. From there it's Adams County for apple pollenation, then a summer full of wildflower, goldenrod, and about eight road trips around the state and as far away as Maine or the Dakotas.

"When we were in Future Farmers, Dave did his project on bees," a Mifflinburg high school classmate recalls. "Everyone said, 'That's nice, Dave, but what are you going to do for a living?'" What Dave did was turn those first hundred beehives into a blooming business and became an industry activist.

Although Dave intended to be a farmer, his sights were initially set on conventional farming, dairy or veal. But after-effects of a serious farm accident caused his father to cut back on his operation and eventually sell the farm. Dave turned to beekeeping for his project, and his career began.

When he graduated from high school in 1966 Dave found part-time work with the soil conservation service and eventually became a state bee inspector. But he was working to get his bee operation established. His break came in the late 1960s, when crown vetch became popular.

The Penn State-developed ground cover was in demand for highway projects across the nation. And crown vetch could be pollenated only by bees. Hooking up with a Philadelphia firm, Dave expanded to 1,300 hives. By the time the crown vetch boom slowed, Dave had established the contacts to continue as a full-time beekeeper with a crop pollenation and honey business.

Today Buffy Bee is located in 6,000 square feet of processing plant and warehouse near Lewisburg. Dave's 1,300 hives, scattered across the local countryside, produce between 200 and 250 barrels, or 13,000 to 16,000 pounds of honey a year. Dave is also getting a reputation as a breeder and sells nucs, starter hives for bee operations, as well as beekeeping products and beeswax.

Buffy Bee is a family operation. Dave and his wife are fully involved as well as their sons, ages 12 and 13, who help out when they're not in school. Dave's father operates the 18-wheel truck that helps move the hives on long trips. The firm also employes three or four people part-time in peak seasons.

Things aren't always humming in the bee business. "This year we're doing OK, but last year..." Dave's voice trails off and he looks away and shrugs. Despite a good local market for their preservative-free honey, it's hard to make a living at honey production.

The main problem, according to Dave is imports. He notes that on the world market honey sells for about 30 cents per pound wholesale. But in the United States it costs about 45 cents to produce a pound of honey. Rather than imposing trade restrictions on honey imported from Canada, Mexico, South America, and China, the U.S. government offers domestic beekeepers price supports.

Like many beekeepers, Dave finds price supports an unsatisfactory alternative. Although the government pays slightly over half a dollar a pound for honey producers, Dave explains, "I'd rather sell my honey on the open market than be used to offset the federal deficit."

Unlike some producers, Dave is trying to do something about it. He is a state representative and a national board member of the American Beekeeping Federation. He speaks eagerly about the group's Honey Promotion and Education Act. "It's a market order to promote the honey industry the way the dairy industry has done." He looks forward to the act reaching a vote and admits it's frustrating to see the wheels of government turn so slowly in helping beekeepers.

"As it stands now," he says, "a lot of producers don't know if they'll be in business from one year to the next. You can't live that way. If it weren't for pollenation, our part in citrus and the food industry, congress would probably have kicked us out a long time ago." He sees a need for honey producers to market their product aggressively, to build a stronger domestic market.

As the head of an interstate operation, Dave has some other concerns as well. Some of the smaller problems are bears that raid local hives and freezing weather in Florida. Among the larger concerns are bee mites and "killer" bees.

"I don't know if I'm really worried about 'killers' or not," Dave admits. He's in a unique position to talk abot these bees, which developed from crossbreeding African with honey-producing bees. In the early '70s, Dave was involved in the U.S. Department of Agriculture experiment with Africanized drones. "We had a lot of problems with them," he says. "They were mean, nasty, didn't make much honey. We bred the stock out fast."

Mites, which invade the bees' breathing tubes, are a more immediate concern. It's not so much the mites as the reaction to them that Hackenburg fears. "They just came to light about 18 months ago," he says. "No one knows why they occur or how much damage they can do, but they don't seem to affect the honey." He's afraid the U.S.D.A. will over-react to the mites and begin destroying hives. "I hope the government doesn't act too quickly on this or it's going to be like the avian flu. It'll drive more producers out of business."

Linda Hackenberg shares Buffy Bee honey with the young visitors.

Dave Hackenberg has turned beekeeping into a profitable business.

Wayne County 4-H names outstanding boy, girl

Josh Sheard and Kyra Gadomsk were named the outstanding 4-H boy and 4-H girl for 1985 in the Wayne County 4-H program. This selection was announced at the 4-H Achievement Night held recently at the Honesdale Presbyterian Church Hall in Honesdale.

Josh Sheard, from Boyds Mills Road, Milanville, is a four-year 4-H member in the Calkins 4-H Ag Club. Josh has served as president of his 4-H club and also is president of the Wayne County 4-H County Council.

He has attended 4-H Capitol Days in Harrisburg, 4-H Leadership Congress at Penn State University, the 1985 4-H Citizenship...Washington Focus Program in Washington, D.C., 4-H Careers Trip to Penn State University and has been a camper and a 4-H camp counselor at 4-H Camp Shehaqua at Hickory Run State Park.

Josh also participated in the Pennsylvania Pork Producer's Council Public Speaking Contest at the Pennsylvania Farm Show in 1984. His main 4-H project has been the 4-H market hog project, but he has also taken vegetable production projects. Josh is currently a junior student at the Wayne Highlands High School.

Kyra Gadomski, from R.D. #5 Lake Ariel, is an eight-year 4-H member in the Ledgedale 4-H Community Club. Kyra has been very active in her 4-H club and currently serves as a 4-H Teen Leader in the club. She is a five-year member of the Wayne County 4-H County Council, having served as secretary of this group.

Kyra is a five-year member of the Wayne County 4-H Livestock Judging Team has attended 4-H Leadership Congress at Penn State University. She also attended 4-H Camp Shehaqua as a camp counselor - in - training and participated in the 4-H Careers Trip to Penn State University.

Kyra has exhibited her 4-H projects at the Wayne County Fair, Greene-Dreher-Sterling Fair and the Pennsylvania Farm Show. She has taken a variety of 4-H projects including: dairy, market beef steer, capons, pet care, onions, melons, potatoes, wildlife, strawberries, and beekeeping. Kyra is a 1985 graduate of Western Wayne High School and plans to attend Penn State University in January, 1986 to pursue a degree in computer science.

Kyra also received a 1985 Isabel Loesch - Wayne County 4-H Development Fund Scholarship.

Also receiving a scholarship was Wayne Mang, R3, Honesdale. Wayne, a member of the Bethany 4-H Community Club, is a nine-year 4-H member. He has been active on the Wayne County 4-H Livestock Judging Team, is a member of the Wayne County 4-H Council, has been active in his 4-H Club, currently holding the office of president. He was a participant in the 4-H Careers trip to Penn State.

Wayne has taken a number of 4-H projects during his 4-H career, including market lambs, sheep breeding projects, gardening, flowers, arts and crafts and the hobby project. He has exhibited his 4-H projects at the Wayne County Fair and the Greene-Dreher-Sterling Fairs.

He received the Wayne County Outstanding 4-H Boy Award in 1984. Wayne is a 1985 graduate of Honesdale High School and is currently pursuing a degree in computer science at Penn State University, Worthington Scranton campus.

Slice food budget by cutting your own meats

YORK — If you're looking for ways to cut the food budget, sharpen your knife and your carving skills. You can cut up your own chicken, slice your own lunch meat, even make your own lunch meat and stretch large cuts of meat into more than one meal.

The old geometric law–the whole is equal to the sum of its parts–does not always apply to chicken prices says York County Extension home economist, A. Joan Lamberson. Chicken sold whole always costs a few cents less per pound than cut up. The price difference between whole and cut-up will vary among stores, but it is usually ten cents a pound. If you buy a four-pound bird, you save 40 cents by cutting it up yourself.

Retailers continually find new ways to merchandise parts so that it is next to impossible to compare values among the different packages of parts.

A money-saving idea to help reduce the meat budget might be to consider slicing your own cold cuts rather than selecting the prepackaged kind. Next time you see unsliced bologna or salami on sale compare the price with that of a presliced package.

If you like baked ham for luncheon meat, why not select a small tavern ham at the meat counter. This will cost less than the baked ham at the deli department.

There are other things to consider–like how good are you at slicing and whether or not you want to take the time.

You could also prepare meat at home for luncheon meats. Compute the cost of cooked meats such as chicken, turkey and roast beef with the price of slice-to-order meats from the deli department and decide if it would pay you to prepare such meats at home.

F.W.S. Calendar

Saturday, December 14

Lancaster Society 19 meets at 1:30 p.m. for a "Christmas Meditation" program by Miriam Herr.

Lancaster Society 25 meets at 6:30 p.m. at Wenger's for a family Christmas party.

Lancaster Society 18 meets at 1:30 p.m. for a Christmas in Williamsburg program.

Lancaster Society 2 meets in Mae Hosler's basement.

Lancaster Society 20 meets for a Christmas party.

Lancaster Society 6 meets at noon at the Church of the Brethren for a covered dish meal.

Lancaster Society 13 meets at 6 p.m. at Ronks Fire Hall for a family Christmas party.

Monday, December 16

Lancaster Society 34 meets for their Christmas program.

Lancaster Society 29 meets at 7 p.m. for a salad covered dish.

Lancaster Society 30 meets at 10 a.m. for Christmas brunch.

Lancaster Society 31 meets.

Tuesday, December 17

Lancaster Society 27 meets to distribute food baskets to needy families.

Thursday, December 19

Lancaster Society 26 holds a luncheon at Weidman House at 12:30 p.m.

Friday, December 20

Lancaster Society 3 meets for a program by entertainer Clint Hammond.

Md. tree cutting directory out

ANNAPOLIS, MD – A sure sign of the approaching Holiday season is the annual publication of the "Choose & Cut" Christmas Tree directory which lists farms throughout the state specializing in providing fresh trees.

A joint effort of the Maryland Christmas Tree Association and the Marketing Services section of the Maryland Department of Agriculture, the directory for 1985 lists 33 tree farms and five grower-owned retail sales lots.

Growers in the following counties are listed this year: Anne Arundel, Baltimore, Calvert, Caroline, Carroll, Frederick, Garrett, Harford, Howard, Montgomery and Prince George's. The grower-owned retail lots are in the Anne Arundel, Howard, Montgomery counties.

In addition to complete listings of the growers with directions and descriptions of the types of trees they have this year, the directory also carries information as to selection and care of fresh Christmas trees..

Copies of the directory are now being sent to public libraries and offices of the Cooperative Extension Service for free distribution to the public. You may also secure a copy by sending a stamped, self-addressed number 10 (business size) envelope to: "Trees", Maryland Department of Agriculture, 50 Harry S. Truman Parkway, Annapolis, MD 21401.

Lebanon Society 14

Lebanon Society 14 met recently at the home of Doris Alger.

Ada Cope spoke about what Eli and Gingrich fruit farms do for the Navajo Mission in New Mexico. She also had articles and bead work from the mission to show.

The Christmas banquet is scheduled for Dec. 17 at the United Methodist Church in Campbelltown.

Two members of this society will attend the State Convention in Harrisburg on Jan. 13, 1986.

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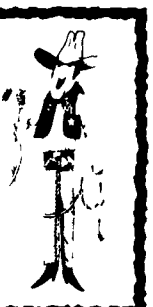

CHRISTMAS TIME SPECIALS

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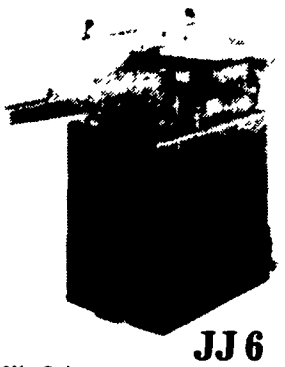

JJ 8

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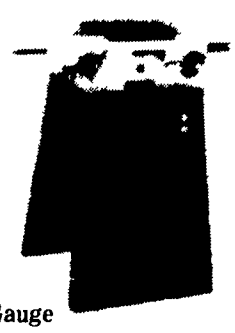

JJ 6

6" Jointer, Long Bed w/Stand, ¾ H.P. 1.Phase, 3 Knife Head

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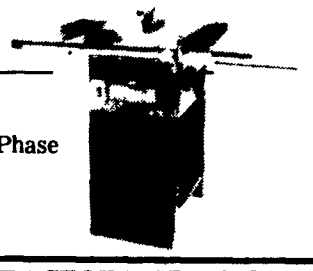
JBS-14MW

14" Wood/Metal 3 Speed Band Saw, ¾ H.P. 1 Phase, w/Miter Gauge

$319.00



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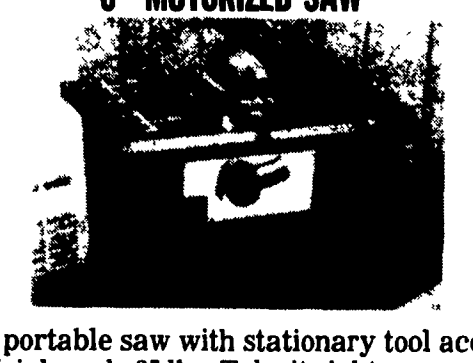

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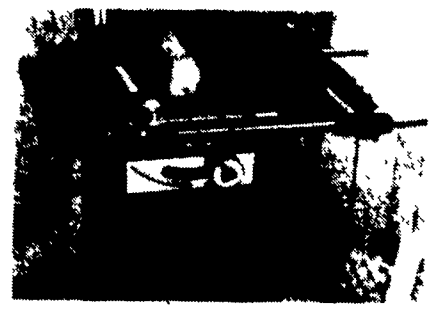

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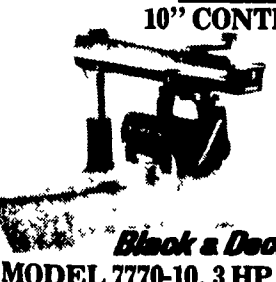

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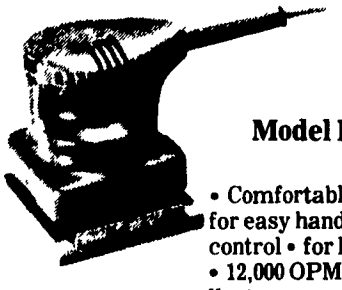

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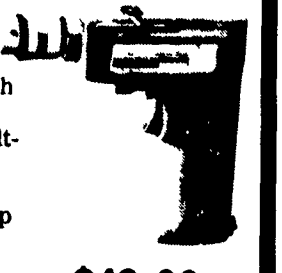

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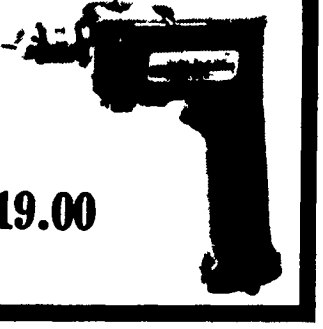

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Hold down holiday expenses

NEWARK, Del. — With Christmas just around the corner, how can families hold down expenses as they prepare for the holidays?

"Whatever your life style, you're probably going to spend more money this month than usual," says Delaware State College extension home economist Pat Wilson. "Getting ready for Christmas involves other expenses beyond the purchase of presents." Food, telephone, electricity and fuel bills go up almost unaccountably. A host of other expenses—for decorations, flowers, candles, postage, extra gasoline and much more—can also take a big chunk out of a monthly paycheck.

Wilson offers these tips for enjoying the holiday season without blowing your budget for the year.

Draw up a detailed gift list that includes as much information as possible. Find out what everyone needs and, if possible, what they don't want. Include sizes and colors to cut down on returns later. It's also wise to ask for alternate suggestions, in case you can't find what someone originally requested. This should make budgeting and shopping easier, Wilson says.

Once your gift list is established, determine the maximum price you can comfortably spend on each item. To get a handle on prices, check store catalogs, newspaper and circular advertisements. Using the yellow pages of the phone book, call to find out if the store carries what you want.

Shop when you're rested, not hungry and not in a hurry, the home economist advises. "You'll make wiser choices, avoid pressure from salespeople and be more alert to consumer fraud if you're in the mood for shopping."

The holiday grocery list is another big expense. Economize by purchasing fewer expensive snack foods which have little nutritional value. Note unit prices to get the most for your money. If you have the storage space, shop ahead for food items on your list when sale prices warrant.

"Keep party food bills down by consulting Italian, Chinese and provincial French cookbooks," Wilson suggests. "The people of these countries have learned to make delicious meals for little cost, and many of their recipes are easy to reproduce with what is available in our markets."

Expensive holiday decorations can also drain family finances. Try making your own this year. Gather some pine cones, put them into a wicker basket, add a red ribbon or some Christmas tree balls for a handsome room accent. Rather than buying evergreen clippings, see what the garden has to offer. Use ivy or other greenery if holly isn't available. As for table decorations, consider a bowl of fresh fruit accented with a few foliage sprigs. Later it can provide wholesome between-meal snacks for family members or housequests.

Finally, hold down telephone costs by placing long distance calls when rates are cheapest. Wilson suggests getting everyone together before dialing, so each person can say hello without wasting time. Limit the length of the call—setting a timer if necessary.

By following these cost-cutting tips, you'll be well on the way to a relaxing and enjoyable holiday—one you're not still paying for six months from now.

Butler County 4-H dairy club honors outstanding members

BY BARBARA RADER
Staff Correspondent

CALLERY — Butler County 4-H dairy club honored several outstanding members during the club's annual banquet, held Dec. 4 at Callery Firehall, Callery.

Ryan Graham, Evans City, was selected the outstanding junior club member, while Scott Kummer, also of Evans City, was the senior winner. Graham had the top boy's 4-H project book, the best project story of all members, perfect attendance and a demonstration.

Kummer received points for having the second place boy's project book and a tie for first place demonstration. He also served on several committees during the year. Both boys have the Holstein project.

Robert Wick, a local implement dealer, received the club's Friend of 4-H Award, presented by club president Lona Rader.

A personal friend to the 4-H'ers, Wick received many kind words for his contribution to the club from members and parents.

Other awards presented at the banquet included top girl's project book awards, which went to Julie Wible, Jean Kummer, Lona Rader, Christine Wible and Amy Kline. Boys winning awards for project books were Graham Kummer, Chad Lineman, Joel Graham, Gary Wible and Harold Rader Jr.

John Kennedy tied with Kummer for top demonstration award and also received a perfect attendance award. John's brother, Jason, Joel Graham and Michael Dean also received perfect attendance pins.

First year members receiving the traditional 4-H mugs were Joel Graham, Michael Dean, Chad Lineman, Christine Wible, Dave Lutz and Bobby McCandless.

Recognized at the recent Butler County 4-H dairy banquet were, from left, Scott Kummer, outstanding senior member, Bob Wick, club's Friend of 4-H winner; and Ryan Graham, outstanding junior member.

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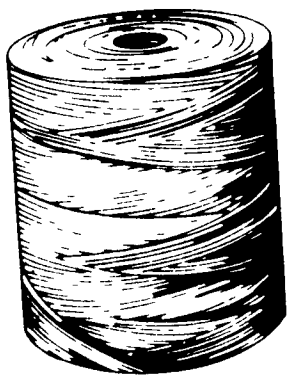

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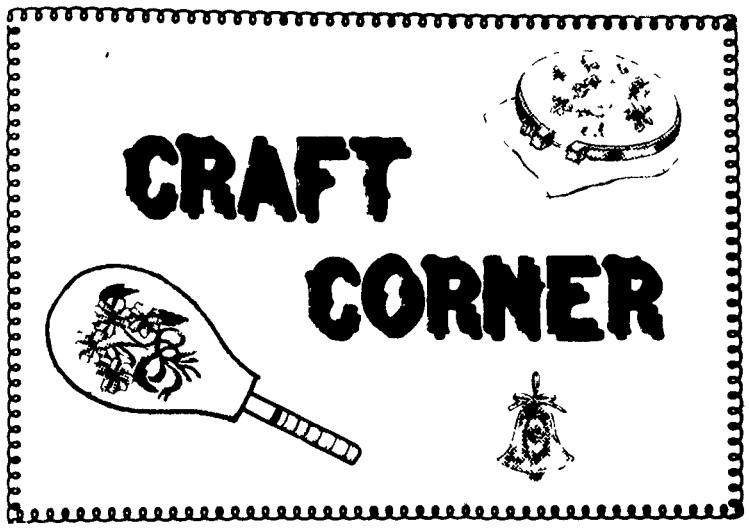

Holiday treasures

BY WENDIE R. BLANCHARD
Copley News Service

Give your holiday decorations and ornaments a special sparkle this season with a high-gloss polymer finish.

Pine cones, straw flowers, bread dough ornaments and other naturals will last longer and take on new luster for the holidays when covered with a polymer finish.

You can also transform an ordinary wooden box into a jewelry box with a finish that has the look of 50 coats of hand-rubbed lacquer. Or create a ceramic-like glaze on last year's plastic flowers, then use these flowers to make one-of-a-kind fashion jewelry.

All these different applications are the result of a few easy steps with Ultra-Glo™ from Chemco.

Before beginning with any polymer gloss finish, there are a few general directions that will help assure safe and satisfactory results.

Protect the working area with several layers of newspaper, wax paper or plastic wrap. Set out the project to be sealed in a dust-free environment with good ventilation.

You will want to elevate the pieces on a pedestal prop such as an old coffee can. Use masking tape or paste wax to prepare and mask the backs of the project for easy drip removal. And be sure to have a dust cover, the proper size, to protect the items while they dry. The dust cover should be large enough to not touch the drying items.

Be sure the Ultra-Glo™ materials are properly mixed. Too much of either the hardener or the resin will change the consistency. The amount of humidity in the air will affect the drying and final effect. So, if the humidity is above 60 percent, you should use a dehumidifier. Carefully reading the instructions on the package will go a long way to successful holiday ornaments.

Pine Cone
Straw Flower Wreath

First bake the cones in an oven for 1 hour at 275°F. in a foil-lined cookie sheet to rid the cones of any insects. Do not microwave; the results can be very messy.

Using a wire wreath frame, attach a piece of wreath-shaped poster board (at least an inch wider than the diameter of the frame). Glue or secure the poster board with heavy duty tape to the frame. This will give you a ledge to attach the cones to. Begin by gluing the cones to the outside and inside of the frame (see diagram).

Next, glue the pine cones so they completely cover about two-thirds of the top portion of the frame (see diagram). The bottom one-third of the frame should be covered with naturals such as wheat, pods, dried strawflowers and any other festive items. Be sure that all open spaces are completely full and the glue has dried completely before coating with Ultra-Glo™.

Using empty paper cups, prop up the wreath on the protected work area. Measure and mix the Ultra-Glo™, following the coverage chart and instructions included in the kit. Drizzle the Ultra-Glo™ back and forth in a criss-cross manner over all cones and flowers. Leave one ounce of Ultra-Glo™ in a cup and use a brush to coat any uncovered areas.

The wreath can be displayed indoors or outdoors and can be easily stored by simply wrapping it in tissue paper until next season.

(For information on Ultra-Glo™, write to Chemco, 6475 Sierra Lane, Dublin, CA 94568.)

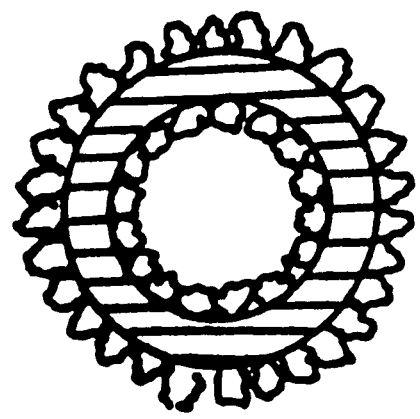

Diagram 1

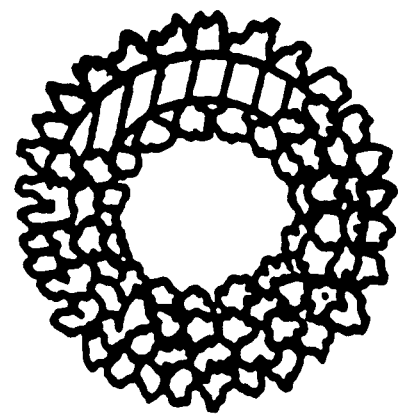

Diagram 2

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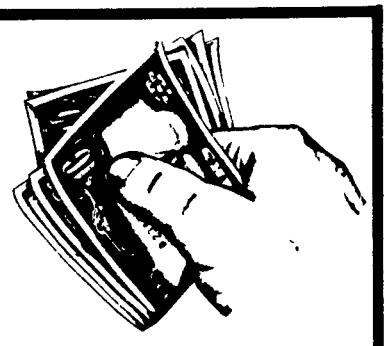

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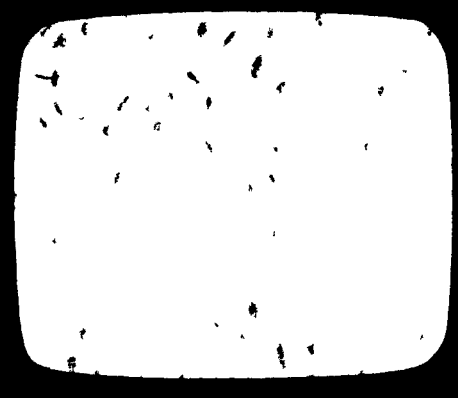

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Butterfat Production	648 lbs.	675 lbs.
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*** Rolling Yearly Herd Average = Official Herd Average (Production Per Cow)
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Pa. 4-H'ers attend National Poultry, Egg Conference

GETTYSBURG — A team of four 4-H members from Pennsylvania attended the 1985 National 4-H Poultry and Egg Conference at the Kentucky Fair and Exposition Center in Louisville. Representing Pennsylvania were: Noel King, York Springs; Pam Hawn, Gettysburg; Any Long, New Oxford; and Dave Smith, York Springs.

A team of Pennsylvania 4-H'ers recently attended the 1985 National 4-H Poultry and Egg Conference. Here team members (front from left) Pam Hawn, David Smith and Noel King, and (rear right) Andrew Long, pose with 4-H leader Walter Griest and Ann Griest.

Those attending the conference participated in a variety of judging events, chicken and turkey barbecuing contests and egg preparation demonstrations, said Walter Griest, 4-H leader who attended the conference with the local delegates.

Among the highlights of a tour for the youngsters were a visit to Kentucky Fried Chicken headquarters and a tour of the Kentucky Derby Musem at Churchill Downs. The 4-H'ers also had an opportunity to see a few races at the famed race track.

While participating in the national conference, the young people competed in judging categories consisting of live poultry, carcass, interior quality of eggs and exterior quality of eggs.

Those 4-H'ers competing in the egg demonstration contest prepared quiches, flan, English trifles and other dishes calling for the use of eggs.

The barbecue contestants presented a demonstration on turkey or chicken barbecue and were required to cook either turkey breasts or chicken halves.

The team thanks Wenger Feed Mill, Pennfield Corporation, Dekalb Hatchery, the Pennsylvania Poultry Federation and the Adams County Poultry Association for their support of the team.

The Box-elder bug: a harmless backyard 'pest'

NEWARK, Del. — Homeowners have been witnessing heavy infestations of an insect known as the box-elder bug. When full-grown, this insect is half an inch long, narrowly oval in shape, and dull black with thin red lines down its back. During cool fall days it sometimes migrates in large numbers to sun-warmed walls of nearby houses and other buildings, looking for a place to hibernate. Though not destructive, bugs that find their way indoors can be a nuisance.

Box-elder bugs, as the name indicates, are closely associated with box-elder trees. Since the best control for these pesky insects is to remove or spray nearby box-elder trees, University of Delaware extension horticulturist Dave Tatnall suggests harassed homeowners learn to recognize the tree on sight.

The box-elder, or ash-leaved maple (Acer negundo), is a medium-sized tree (40 to 50 feet) with a short, irregular trunk and broad, open crown. Its leaves consist of three to five irregularly toothed leaflets. The young twigs are stout, olive-green to purplish-often covered with a bluish-white bloom.

The seeds are typical of maples, hanging in V-shaped, winged pairs in long, drooping clusters. These seeds often remain on the tree well into the winter. The sexes are separate in the box-elder tree, and it is the seed-bearing female trees that the bugs prefer.

They prefer rich, moist soil, but adapt to a variety of growing conditions. Although frequently found along stream bottoms and in moist woodlands, they also occur in many urban and suburban locations.

"If box-elder bugs become a serious nuisance around your house and in your neighborhood," Tatnall suggests, "survey existing trees and note which ones are box-elders. If the bugs are an annual problem, it may be desirable to remove some box-elder trees. Those with shade value-especially female trees–can be sprayed during the summer to reduce the number of bugs likely to migrate toward nearby houses come fall. Diazinon or another approved insecticide can be used."

There are also insecticides (such as Sevin, diazinon and malathion) that can be sprayed now on walls of buildings to reduce the adult box-elder bug population, says University of Delaware extension entomologist Mark Graustein.

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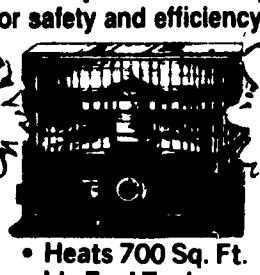
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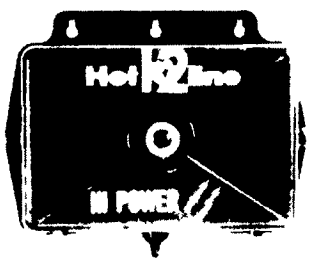

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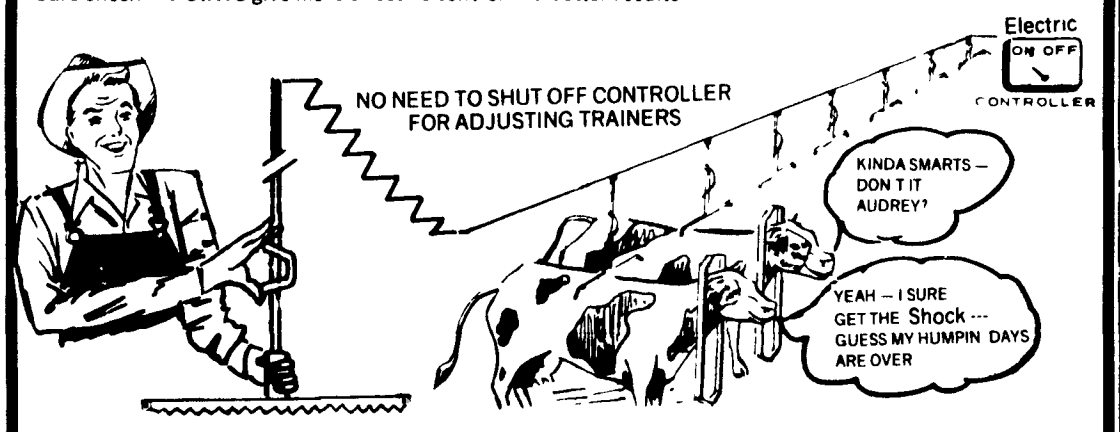
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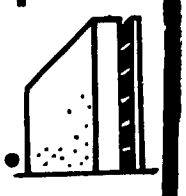
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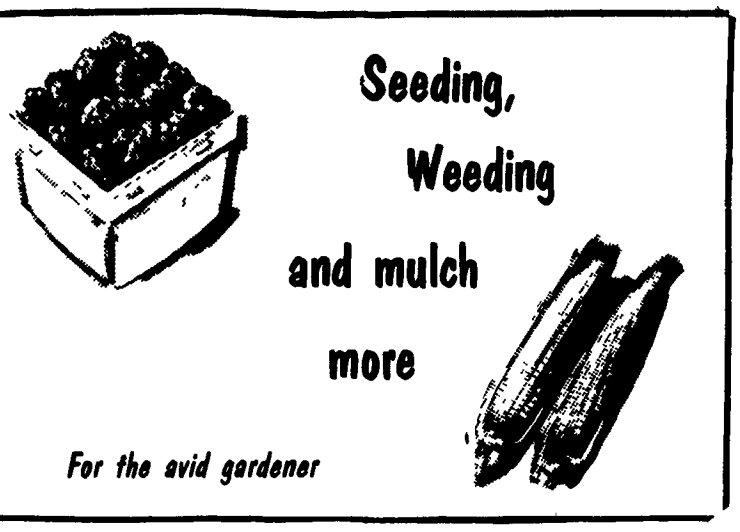

Beautiful wreaths, door swags and table decorations can be made by pruning evergreens in mid-December to provide fresh greens in a variety of textures. At the same time, you will be taking care of a garden chore.

Almost every evergreen can be used for the holidays but some are more attractive and easier to handle than others. Pines, arborvitae and false-cypress hold their needles well in wreaths, swags and roping. Colorado blue spruce and fir make handsome wreaths. Avoid hemlock and Norway spruce indoors as they tend to drop their needles quickly. (A Norway spruce wreath hung outdoors should last the holiday season). Boxwood is another seasonal favorite, especially for wreaths and swags. It lasts well in decorations.

Adding Interesting Color and Texture

Yew, Japanese holly and juniper are favorite shrubs for entrance and corner plantings and most could stand a little pruning. The trimmings work well in a variety of decorations; some species of yews have red berries.

More contrasting color can be had from the bright red berries of American, Chinese or winterberry holly; orange-berried bittersweet and firethorn; or white-berried bayberry. Holly wreaths do best outdoors, where the humidity is higher and temperature lower.

Construction Details

Styrofoam, straw or wire wreath bases, thin florists wire and outdoor ribbon are the items to buy for wreath-making. Evergreen twigs four to six inches long can be inserted into the base and fastened with florists wire. Pine and spruce are resinous but make attractive wreaths if you don't mind sticky fingers.

The closer greens are cut to the time they are used, the better. But properly stored, they can be cut weeks ahead. I recommend putting trimmings in a plastic trash bag, in a cool place out of direct light, such as an unheated garage, or outdoors on the north side of the building. Keep the bag in the shade or the temperature inside the bag will rise and needles will soon drop.

All greens will last longer if inserted in water or absorbant plastic blocks, especially those used for indoor arrangement, and particularly holly, evergreen magnolia and hemlock. Blocks of two inch thick styrofoam are ideal bases for evergreen centerpieces or candleholders. Remove needles from the lower inch of the twig for easy insertion into the styrofoam. Since evergreens dry quickly indoors, burn candles carefully, if at all, in these decorations.

Bouquet arrangements in jardinieres, large urns or crocks can be very effective. Slant-cut stem ends before placing branches in water filled containers. Change the water every few days; if practical. If not, add more water as needed.

When cutting greens, take a little extra time to shape the plant. Snip off errant branches, even if they are are not needed for your decorating project or are too short to use. You may not need to prune again until next Christmas.

Dried material from fields or gardens also make novel holiday decorations. Milkweed pods and teasel can be used in wreaths or centerpieces or constructed into a tree shape. Pine cones, especially those of Scotch, red or pitch pine make very attractive wreaths when glued to a cardboard base. Some can be cut in half to produce the effect of open flowers.

If your garden does not yet include some of these useful evergreens and berried shrubs, plan to plant some next spring for color in the garden and for future holiday decorations.

Happy holidays!

Chain saw safety tips

NEWARK, Del. — Weekend lumberjacks give their chain saws quite a workout at this time of year. Although kickback is the single biggest cuase of chain saw injuries, three-fourths of all accidents with this power tool are caused by other factors involving some kind of operator error.

Whether you're cutting up firewood or cutting down a. tree, University of Delaware extension safety specialist Ron Jester recommends taking the following precautions to avoid a chain saw accident.

• Wear protective clothing, including a hard hat, safety goggles, gloves that provide a good grip, hearing protectors, safety shoes and trim-fitting clothes that won't get caught in the chain.

• Before starting, make sure the saw is sharp and in good repair. Clear the work area of debris so the chain will touch only the wood you want to cut.

• Make sure you have the right chain saw for the job. The owner's manual should explain its capabilities.

• Don't work alone. An extra pair of hands will make some dangerous situations safe, and if you're injured, the other person can get help.

• Always start the saw according to the operator manual's directions. Carry the saw with the blade pointing backward when not in use, and never carry a saw that is running.

• When cutting, stand to the side of the saw so you won't follow through into your leg. Always be aware of what is in the saw's downward path after the cut.

• Stand on the uphill side of a log so it won't roll into you. Watch for branches that may spring back as you cut.

• Let the saw do the work; don't force it through the cut.

• If you must refuel a gasoline powered saw, let it cool first and clean up any spills. Avoid the hot muffler as you work.

• If the saw is electric, make sure the extension cord is approved for outdoor use, and don't use the saw in a damp environment.

• If you're a weekend lumberjack, don't tackle a cutting job that involves climbing trees. Many horror stories involve amateurs who fell out of trees or had large branches fall on them while using a chain saw. Save the big jobs for professionals.

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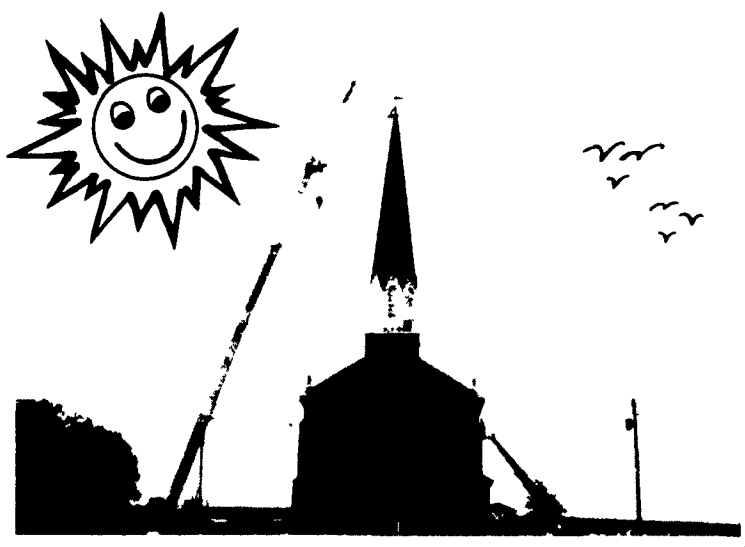
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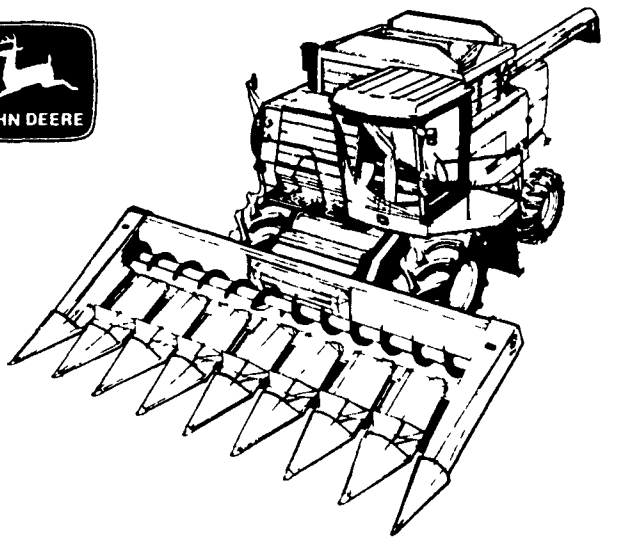

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JOHN DEERE

Acid rains effect on spruce forests studied

WASHINGTON — Secretary of Agriculture John R. Block has announced that seven grants totaling $1.05 million have been awarded to study what effects, if any, acid rain may be having on spruce-fir forests.

Research will begin under the leadership of the Forest Service's Northeastern Forest Experiment Station in Broomall, Pa.

Block said these studies are part of a new Forest Response Research Program to study whether acid rain may be adversely affecting the nation's forests. The program was launched this year by the USDA's Forest Service, the Environmental Protection Agency, and the National Council of the Paper Industry for Air and Stream Improvement. It is the first major cooperative research effort between federal agencies and the private sector in this area.

Overall program manager is Forest Service researcher Ann Carey. Deputy program manager is EPA researcher Eric Preston.

The spruce-fir research is under the direction of the Forest Service's Dr. Gerard D. Hertel. It will study spruce-fir in the eastern United States to determine why spruce are declining at high elevations and if air pollutants and acid rain might be affecting these forests.

The Forest Response Research Program is divided into 6 study areas. Under the first, called the National Vegetation Survey, scientists are measuring the extent of unexplained damage to the forests.

Second is the EPA-sponsored Atmospheric Deposition Monitoring Support Project, which provides deposition monitoring at intensively studied sites. The final four studies are aimed at determining the actual biological and chemical effects of acid rain on different forest types and deciding what actions, if any, might be taken to mitigate or control those effects. These include studies on spruce-fir, southern commercial pine, western conifer, and eastern hardwoods.

Three studies will test different aspects of nitrogen fertilization and its possible interaction with winter damage as probable causes of spruce decline. Conducting these studies will be Manfred W. Williams, Jrs., Forest Service scientist and Donald H. DeHayes, a geneticist at the University of Vermont; Jay S. Jacobson of Boyce Thompson Institute and James P. Lassoi of Cornell University; and Forest Service scientists Ronald C. Wilkinson and Robert A. Gregory.

Three studies will adress genetic variability of spruce and fir forests and the viability of field collected seed. Since genetic diversity influences both spruce and fir growth rate and survival, it is likely to influence response to air pollution exposure. Conducting these studied will be Robert T. Eckert and David O'Malley, University of New Hampshire; Donald H. DeHayes, Univerity of Vermont; and Franklin T. Bonner and J.A. Vozzo, Forest Service.

Another study will focus on responses of spruce and fir to acidic nitrogen deposition, ozone, and combinations of pollutants and natural stresses. It will be conducted by Curtis Richardson, Duke University School of Forestry and Environmental Studies.

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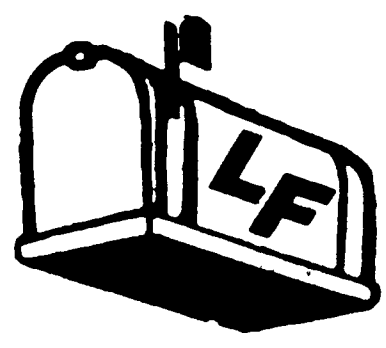

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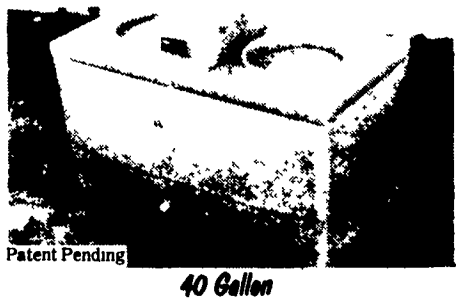
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16'x6' Gooseneck Stock in ass't. colors	$3150.00
16'x7½' Gooseneck Stock w/full nose	$3750.00
24'x6' Heavy Duty Pipe Gooseneck w/16" Rubber	$3950.00
Tandam Axle Equipment Model w/brakes & ramps	$1195.00
20'x8' Deckover w/ramps & adjustable coupler	$2295.00
6'x10' Hydralic Dump trailer	$2795.00
20'x8' Flatbed Gooseneck w/8' ramps	$2895.00
20'x8' Flatbed Gooseneck w/8' deck on nose	$4500.00
32'x8' Tri-axle Gooseneck flatbed	$5500.00
26'x8' Dual Tandam Gooseneck flatbed	$6500.00

Full Service Shop on Premises. **Temporary Tags Provided.**
Free Delivery to New Holland Sales Stables.
New & Used Chevrolet Trucks IN STOCK for immediate delivery.
Open 9-5, 6 days a week. **CLOSED THURSDAYS.**

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SUPERIOR PRE-CAST'S E-250 CONCRETE ELECTRIC LIVESTOCK WATERER

Durable, Energy Efficient & Safe
TWO MODELS AVAILABLE
- 60 Gal. Capacity
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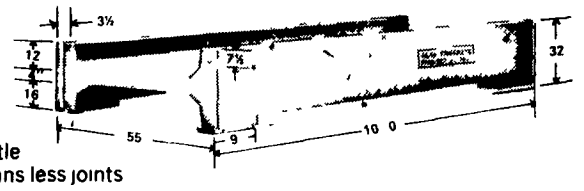
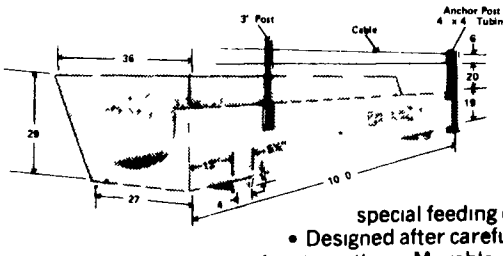
- Valve Cover & Door Are Heavily Insulated
- CSA Certified & Approved Non-Siphoning

"H" and "J" TYPE FEED BUNKS
Low Cost - Long Life
"H" TYPE FEATURES:


- Large Capacity
- The right height for large and medium sized cattle
- Ten ft length means less joints
- Movable - for future expansion
- More than strong enough to support roof system
- Feed conveyor easily suspended from Feed Bunk roof, allowing clean sweep of trough
- No corners to retain spoiled feed



"J" TYPE FEATURES:
- Medium capacity for smaller herds
- Feed your cattle with your chuck wagon No special feeding equipment required
- Designed after careful study of feeding problems
- Heavy steel reinforcing - for strength
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- Movable - for future expansion
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- Long sloping trough back helps save feed

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LIVESTOCK HANDLING EQUIPMENT BY PALCO: Headgates, squeeze chutes, salt feeders, loading chutes, bale feeders and fork, and hydro scales. SUMMIT SYSTEMS INC. 800-242-3240 or 814-735-3293.

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Reg. Bull sired by Arlinda Rotate out of an Astronaut Dam. Grand Dam sired by Elevation 717-488-6777.

Registered Angus heifers, 8 mos., will make excellent brood cows, $350 ea. Bucks Co. 215-536-4190.

Registered Holstein bulls, 1 year old and younger. Out of dams with records to records up to 28,000 milk and up to 1100 fat. Stump Acres, 717-792-3216, York County.

SCOTCH HIGHLAND CATTLE: 2 cows, 1 bull calf, 1 heifer calf. Will sell individually or together. Pheasant Run Farm, Schuylkill Co. 717-739-4852.

Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified Very Good with records over 29,000 lbs. milk and 1,195 lbs. milk fat. STUMPLAND FARM 215-488-1965

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Wanted: A Good Herd of Dairy Cows for January 717-393-0930.

Wanted: Entire dairy herd and bred and springing heifers. Highest cash price paid. Reuben Greenberg, Inc., Columbus, N.J. 08022. Ph. 609-298-1021

Will board Heifers, supplying hay, corn silage & grain. $1.25/day/head Lancaster Co., 717-653-8703.

Wisconsin and Canadian Dairy Cows For Sale: 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free delivery. Reuben Greenberg, Inc., Columbus, New Jersey 08022. Phone 609-298-1021."

4/1 Black Power Play Steer from same herd as 1985 Harrisburg Champ Steer. $890. Lancaster County. 717-626-4165

8 CATTLE

ANGUS: Bulls, cows, calves. Registration & health certificates. Watts Logan Spring Farm, Bellwood, PA 16617-0010. 814-742-8097 or 814-742-8118.

Angus Bulls, ready for service. Also Angus Heifers. Stump Acres. 717-792-3216. York County.

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Boarding heifers: 75 head capacity in Northern Lanc. Co. $1 per head per day. 717-626-2866.

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

Dairy herd of 50 Holsteins, some red and whites, freshen November thru April. Wayne County, Pa. 717-488-6037

Five outstanding 9 yr. Polled Hereford heifers bred to classified rated bull for spring calving. Spring heifer calves. Perry Co. 717-438-3556.

FOR SALE: 5 Registered Holstein cows, DHIA records, certified, accredited, $3,250. Adams Co. 717-677-8789.

FOR SALE: 8 Fresh Grade heifers. Perry Co. 717-789-3687.

For Sale: Bull born Aug. '84, Sired by Columbus, out of an EX90 Elevation Daughter w/records up to 36,196 milk, 1,283 fat in 365 days. Dam has other Sons in AI. Grand Dam has over 250,000 lb. milk in lifetime and is scored VG-87. Glenn Henry, R.D.2, Box 2260, Port Royal, Pa. 17082. Juniata County 717-527-4474

For Sale: Fresh Young Guernsey Cow, due again next June $450. Cumberland County 717-763-1027 evenings.

For Sale: Reg. Angus Cattle Cows w/calves, calves, bulls. Mr. Angus, Fairfield Hy-Guy, General JJ Patton, Walbridge Govenor breeding. Reasonably priced to sell. Lanc. County. 717-285-3023.

For Sale: Vaccinated Breeding Age Holstein Heifers and Short Bred heifers. 717-295-3137 or 717-394-5573.

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Heifers Boarded, balanced rations, silage, alfalfa & grain. $1.00/day. Juniata. 717-436-9798.

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Herd of Grade cows, average 50 lb. with 3.8 Pick 50 out of 60. Also, 15 b-heifers, must move by March 1 or can go sooner. 717-354-4376

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LEROY DEPUTY
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Wanted To Buy
Registered Holstein Heifers, any age.
Write to **Abraham S. King**
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ATTENTION DAIRYMEN - ALWAYS AVAILABLE
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9 HORSES AND MULES

All new Windswept Stables complete boarding services, $100 per month. Lessons. Call for details. RD 2, Columbia, Lanc. Co. 717-684-3975.

FOR SALE: 7 year old saddlebred driving horse. 717-656-6712.

For Sale: Break Cart in good restorable condition, probably Moses. $400 Call 215-269-1741.

For Sale: 4 Year old Standardbred trotting mare, traffic safe & sound. Stephen K. Esh, 244 Lynwood Rd., Ronks, Pa. 17572.

Horse Dentist. Have tools will travel. 215-367-6446.

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2½ yr. old saddlebred quarter horse gelding. Shown successfully.
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Dairy Goats A.D.G.A. Nubians. Pedigrees' milk records to 3400 lb. Does, bucks, stud service. Gettysburg, 717-334-7993

Flock Sale: Reg. Suffolk bred Ewes from 1 to 3 years. Ram 3 years old, great for commercial breeding. Call 215-274-8184.

FOR SALE: Karakal sheep. 717-626-2868 after 6. Lanc. Co.

For Sale: 75 Commercial Suffolk Sheep. Wormed, tagged and bred, nice flock. Price negotiable. Adams Co. 717-334-6822

Registered Lincoln Ram, 2 yrs. old and Proven, Best Offer. Call after 5 p.m 609-478-4524

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SHEEP FLOCK FOR SALE
300 ewes, Dorsets and Finns and Crosses with 4 Purebred Rams. Half the flock has lambed Sept.-Oct.; half are pregnant for lambing in Jan., Feb. This flock has borne 770 lambs this year! To sell as a unit. Call
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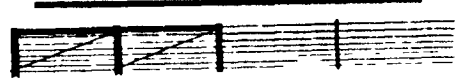

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Illinois Feeder Pigs. Hugo Feeder Pig Co., Centralia, IL. All pigs vet inspected from psuedo-rabies free herds. Sold on approval, 30-100 lb. Call Collect, Bob Tindall, 513-462-8797.

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested. Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

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FOR SALE-Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921.

For Sale: Berkshire, Hampshire, Yorkshire Boars. Service Age. Terry Bennecoff. 215-285-6582.

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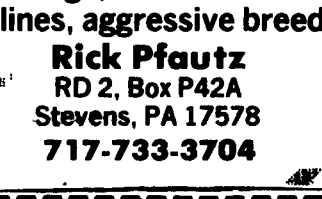

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Service age, excellent Midwest bloodlines, aggressive breeders.
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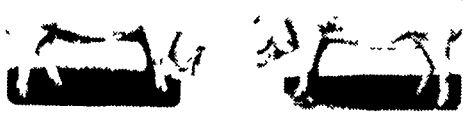

Purebred Yorkshire & York Landrace Cross Boars & Gilts
Tested Pseudorabies Free
Sound - Productive
IVAN M. SENSENIG
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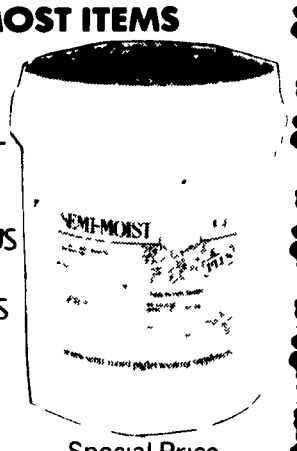
DECEMBER SPECIAL
5% CASH DISCOUNT ON MOST ITEMS
NOW, GET ALL THE BENEFITS OF THRIFTY WEANING PLUS ADDED IRON AND VITAMINS FOR PENNIES A DAY.



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52 BOARS DECEMBER & JANUARY SERVICE
Sired by Superior Performing Tested Boars
(Group Lots)
Next Sale Saturday, February 8, 1986
90 Bred Gilts, 40 Boars, 40 Open Gilts

All Animals Vaccinated for Rhinitis, Erysipelas, Lepto & Parvo. Validated Brucellosis & Pseudorabies Free Herds. Producing Superior Performing Seed Stock For Over 30 Years.

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6 Duroc - 9 Landrace - 13 Yorkshire
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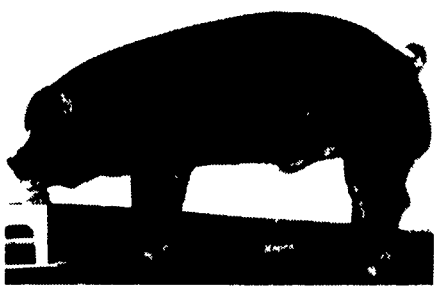

3-5 by ID Advancer

- Top Indexing and Quality Duroc Boars at both Ohio & Maryland Performance Boar Tests
- High Indexing Boar & Pen at Maryland
- 20 Pounds Lower Feed Efficiency Than Sale Average at Ohio
- Champion & 4th Place Lightweight Carcass at Keystone Livestock Exposition

Ohio Performance Boar Test
Sale: December 21, 1985 1:00 P.M.
Place: Ohio Test Station, Columbus, Ohio
Duroc Pen by ID Advancer

Pig No.	Days to 230	Gain	Feed Eff.	Back Fat	Loin Eye	% Lean Cuts
3-5	137	2.53	225	.75	5.72	63.4
3-6	143	2.50	225	.73	5.27	64.7
3-3	156	2.21	225	.83	5.57	63 2

Maryland Performance Boar Test
Sale: December 30, 1985 1:30 P.M.
Place: Frederick Co. Fair Grounds, Frederick, Md.
Duroc Pen by ID Advancer

Pig No.	Days to 230	Gain	Back Fat	Loin Eye
4-4	143	2.62	.62	5.1
4-1	155	2.27	.70	5.0
6-5	146	2.38	.75	5.4

Yorkshire Pen by ISL Field Marshall

9-1	151	2.30	.64	5.1
9-3	156	2.31	76	5.4
9-4	153	2.24	.78	5.2

Duroc, Yorkshire, Large White & Landrace Tested Boars and Gilts for sale. Supply for next 4 months. 75 Boars and 250 Gilts

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Dutch Valley Farm
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DUROC & SPOTTED BOARS
Duroc, Spot, Crossbred Gilts
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Kenneth Ketterer
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Yorkshire - Duroc - Large White
Concentrating on health, soundness and productivity.
21 day weights, back fat, days to 230.
Sow productivity program
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R.D. 2, Box 44
New Freedom, PA 17349
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or
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Yorkshire & Hampshire Service Age Boars. 25 Crossbred Bred Gilts. Commercially Priced. Validated Pseudorabies Free Herd. Will Deliver.
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12 ARTIFICIAL BREEDING

SEMEN SALES
IVANHOE STAR SEMEN
Stored At Atlantic
Best Offer
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13 HOG EQUIPMENT AND SUPPLIES

HOG EQUIPMENT BY PALCO: Auger flush systems, farrowing crates, nursery units, and gestation stalls. SUMMIT SYSTEMS INC. 800-242-3240 or 814-735-3293.

SPECIALIZING IN UP-TO-DATE DESIGN & QUALITY CONSTRUCTION OF HOG CONFINEMENT SYSTEMS.
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14 POULTRY AND SUPPLIES

WANTED: Contract to raise pullets in cage house, very good isolated location. 717-662-7888

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Tribury Farm Brokers
203 755 6069 mornings
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Baby chicks brown and white egg layers, Cornish-Giants, turkeys, ducks, geese, guineas, gamebirds Case Hatchery, Brodbecks, PA 17329 717-229-2933 or 235-2050.

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* Fowl
* Pigeons
* Bantams
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* Chuckers
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FOR SALE-Oyster shells. Contact Nelson Weaver & Sons, Inc., Lititz, PA 717-626-8538.

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Good heavy oats from up North, in 850 bushel loads. Possibly delivered at $84 a ton 717-933-4687

ProLasse 8%
All Natural Molasses Base Liquid Protein Make sweet feed with any PTO mixer Wholesale, retail from manufacturer, dealer inquiries invited. Call collect. 301-343-0343.

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WANTED: DRIED SHELLED CORN. Delivered or picked up. 717-354-4175.

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Will buy moldy grain 301-833-1847

2,000 bales 2nd & 3rd cutting alfalfa, $55/ton, 800 bales of straw, $80/ton. 717-548-2561

32% liquid protein, wholesale/retail from manufacturer. Dealer inquiries invited. Call collect, 301-343-0343.

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Located along Rt. 10 between Russelville and Oxford
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$2.50/bu. bin run
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Good germination.
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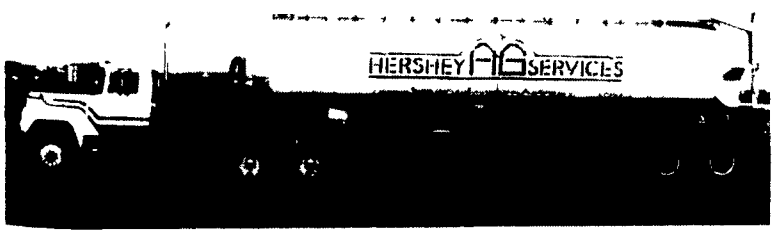

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They will be giving free footprints to see if you need arch supports.

The arch supports are hand crafted from a light-weight leather made from impressions of your feet Your feet are like the foundation of a building. If you strain your feet, it can cause you to have trouble in other parts of the body.

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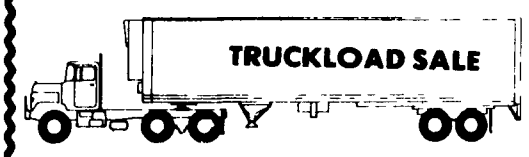
WANTED: Someone to sell my homegrown celery at Philadelphia or other farmers market. 717-653-5344



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MOBILE ROUTES
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- Hammer Mills
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- "Texture Saver" 2 Ton Mixer
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For Information or if you would like to see a Feed Sample.
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Fertilizer Company in southeastern PA is interested in hiring a farm oriented person to operate fertilizer application equipment. No experience necessary, excellent salary & benefits.
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Ask for Ken

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Heifers Boarded, silage, hay & grain. $1.00/day. Juniata. 717-436-9798.

Soybean roasting on your farm. Dale L. Schnupp, RD 6, Lebanon, PA 17042 717-865-6611

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Little Boston Manure Hauling will haul wet or dry. Call for details 215-593-5676

Mill Creek Conveyors
We Custom Build Double Chain wooden Conveyors And Tapered Board Feeders
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CUSTOM ROUND BALING
(Hay, fodder, soybean rind, straw)
Bale size: 5' long x 39" to 72" diameter.
$3 - $6 per bale
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Put your herd of 70 cows in my facilities and do no field work. I supply the feed. Harvestore system and house included. Write: Marshall Brooks, P.O. Box 30, Centre Hall, Pa. 16828.

Retirement age farmer seeks organic minded couple or single person to help with beef, cattle and work into ownership. 814-627-5149.

Couple to milk and feed registered dairy herd. Approx. 65 head. Good pay, health insurance Vincentown, NJ 609-859-2620.

DAIRY HELP Experienced person to work on modern dairy farm, top wages, excellent house, heat, vacations, and other benefits. 201-369-3690.

HELP WANTED: Worker for modern dairy farm, must be good milker and able to run farm machinery. Housing provided. 301-348-5640.

HELP WANTED: Herdsperson for a 200 cow dairy in Southern Chester Co. House, good salary, benefits. Reply Lancaster Farming, P.O. Box 366, A-78, Lititz, PA 17543.

HELP WANTED: Lawn equipment mechanic, must be 18. Green Acre Lawn & Garden, 717-626-0547.

HERDSPERSON: Experienced preferred. Registered and Grade holsteins, milking parlor Lanc. Co. Lancaster Farming, P.O. Box 366, L-87, Lititz, PA 17543.

Help wanted on Lancaster County dairy farm, new 60 cow stall barn, must enjoy cows, Quarryville area. 717-786-3992

RESEARCH FARM SUPERVISOR

Responsible for the overall supervision and administration of the large Animal Research Facility.

Requires a bachelor's degree in Animal Science or equivalent, as well as approximately three years experience in farm management including work with large farm animals. A drivers license, three years driving experience and successful completion of the Rutgers Defensive Driving Course is also required.

Will be required to obtain certification for the application of herbicides. Experience with forages and crops, and horses and artificial insemination highly desirable, as is experience with computers. A Master's degree in Animal Science may be substituted for two years experience.

Salary: $23,199 plus excellent benefits package including tuition remission for employee and children.

To apply, please send a resume referencing Job Number 131 to:

THE STATE UNIVERSITY OF NEW JERSEY
RUTGERS
Division of Personnel Services
New Brunswick, NJ 08903
An Affirmative Action/ Equal Opportunity Emmployer

Someone to dismantle old barn and stack materials. Southern Chester Co 215-255-5070.

Person with experience milking & general farm work on modern farm. Housing, electric, vacation & good wage paid. Lancaster Co. 717-786-2957.

Prefer young Christian couple to work on modern dairy farm. Housing provided, excellent starting weekly salary, paid vacation and every other weekend off. Must like to work with cows and help out with general farm work. Send resume to Box I, Bird-in-Hand, PA 17505.

Horsemen w/farm experience for small brood mare farm, excellent situation, ref. reqd. Box 68, Butler, MD. 21023. 301-771-4580

Man wanted to drive truck and work in feed mill in New Holland area 717-354-0301.

Married person to work on steer & crop farm. Must have recent experience operating modern farm equipment & be able to repair & maintain machinery. Modern house & privilege References required. Chester Co., 215-869-2527.

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Full-time work in 600 sow operation farrow to finish.
Must be willing to work alternate weekends. Plus benefits, vacation and profit sharing
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Manufacturer of new and unique hand tools for bending and forming steel for the farm and repair shop.
Must be willing to sell to businesses and consumers directly. Looking for people, not paper.
Call for interview:
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GENERAL MANAGER FARMERS MARKET
We are seeking a qualified general manager to assume all responsibilities of operation of our newly established Farmers Market scheduled to open in Spring of 1986, in south central PA.
The successful candidate will be a highly motivated, goal oriented individual w/a minimum of 3 yrs. extensive business management experience
Salary is commensurate w/ability Position offers many additional benefits Please send resume & salary requirements to:
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We would like to expand our staff of free-lance writers throughout the Northeast and Middle Atlantic regions. We pay excellent rates for top-quality writers.
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Lititz, PA 17543
Lancaster Farming

Will sell herd and lease farm. Charles T. Reed, R.D.3, Box 73, Reynoldsville, Pa. 15851 Jefferson County.

Wanted: Farm laborer in Wilmington, DE for 60 cows. Must have experience on equipment and w/milking. References required. House and utilities provided. Call after 9 p.m. 302-655-0558

Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
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Sell complete line of Dairy Sanitation, Animal Health & other Agricultural Supplies. Established route Chester Co. area. Dairy experience and/or knowledge helpful.
Call 717-273-7229
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Person for direct Sales and Service of livestock Pre-Mixes. Must have thorough knowledge of Dairy Nutrition and be able to formulate.
This is a company you can make a life long career. Complete fringe benefits.
STARTING SALARY RANGE
$35,000 to $40,000
Reply to
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WANTED TO RENT: Dairy barn w/house for herd of cows in Lancaster or Lebanon County. 717-738-1359

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$5,000 plus a month. No experience needed. Call 717-626-1250 for a recorded message.

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2 Gas Stoves, one 10 burner, one 6 burner w/griddle $450 each 215-445-4410.

Full Size, Extra Firm Bed. Immaculate, like new. Originally $600. $200 or best offer
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27 PETS

AKC black/yellow lab. ret. pups. Shots and wormed. Elam B. Stoltzfoos, 91 Hess Rd, Leola, PA 17540.

AKC German Shepherd Pups, 8 weeks old, good guard dog, will hold till Christmas. 717-442-8717

AKC Great Pyrenees puppies. Raised with stock. Excellent farm dogs. Shots & wormed. Will be available for Christmas. 717-244-7307. York Co.

AKC St. Bernard puppies, nice markings, ready the week of Christmas. Ben Esh, Jr., RD1, Box 427, Bird-In-Hand, Pa. 17505. Near Heller's Church on West Eby Rd.

American Pitt Bull pups, ready to go. Champion Stock A.D.B.A. registered. Had shots and wormed. $125. 717-786-7858 anytime.

Blue Heeler puppies, Australian stock dogs, born 11/1/85. Excellent family or herd dogs. 717-359-4862.

Catahoula stock dogs and puppies for sale Farm raised, excellent dogs. Call for information, 215-493-4900.

FOR SALE: Australian cattle pups from working parents. Wormed and ready for Christmas. 215-942-3187.

FOR SALE: Reg. border collie puppies, black and whites. Markings very nice. Pick your puppy for Christmas. Will be ready 12/16 but will hold till Christmas Eve. Chester Co. 215-273-9358. No Sunday calls

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Jack Russell Terrier puppies. Good rat & mouse dogs. Also, Jack Russell stud service. 717-733-2648.

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt. 611, Pipersville, PA 18947. 215-766-8302

4 male, Red Bone Pups, 7 mo. old, wormed & all shots, Registered UKC. Must Sell, Health Reasons 215-385-3489

FOR SALE
Redbone Coon Puppies, UKC Registered.
3 males born 5/28/85.
Dam: CH Millers Valley Cookie.
Sire: PRN Chapel Rock Ranger, top breed.
Frank Hodick
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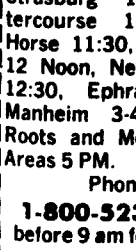

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AKC, Purebred, Mixed Litters.
Stud service for most breeds
Transportation provided
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Paradise, PA 17562
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PUPS WANTED by Jo Jo The Dog Man
$ Top Dollar Paid $
I Need 293 Pups Tues., December 10
I need puppies to 8 weeks old every Tuesday evening from 5-8 PM at Root's Farm Market 4 miles south of Manheim off of Rt 72 Manheim PA
SPECIAL NOTICE
There will be a $100 prize for the cutest pup purchased Tues., Dec. 17
No cute pup came in last week. The price is now $125.
* Because of the Holidays I will pick up pups on Monday morning, Dec. 23 starting at Kirkwood 9 AM, Quarryville 9:30, Georgetown 10, Strasburg 10:30, Intercourse 11, White Horse 11:30, Blue Ball 12 Noon, New Holland 12:30, Ephrata 1:30, Manheim 3-4 PM at Roots and Morgantown Areas 5 PM.
Phone
1-800-523-1348
before 9 am for details
Pure and Mixed Breeds Purchased
Phone
609-452-8903
before 9 AM for best results.
Keep trying other times.
P.S Pup Stand Closed Jan & Feb. 1986.

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MONEY FOR PUPS
in litter lots for resale in my pet shop. Will pick up. Cash paid.
Call
Charlie Hackett
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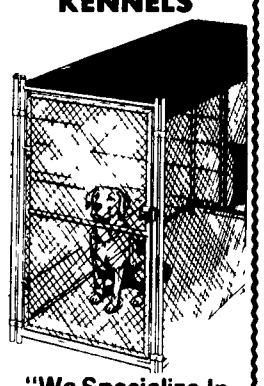

"We Specialize In Kennels"
Singles To Large Complexes
Apply To:
Quality Fencing & Supply
R.D. #1 - Box 428
New Holland, Pa. 17557
717/354-9760

32 MISCELLANEOUS

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Bought and sold new and used cardboard boxes, drums. Pint, Quart & Gallon Containers. Reliable Recyclers, 178 Greenfield Road, Lanc., PA, 17601, 717-397-7695

CASH for your piano or sell on consignment. Call Ken at 717-392-3233.

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430 lots of graded catalog silver and gold coins, other key coins, proofs and mint sets.
Sunday, December 15 at 6PM
Open for inspection at 3:30PM at Bel Air Auction Gallaries, 13 Ellendale St., Harford Co., Bel Air, MD. For information and catalog call Wm. Amoss, Auct., 301-879-7272.

Electric Yale crane truck K42. SH-6-7-78 maximum capacity, 6,000 lbs. $600. 215-542-7980. 215-646-9057.

FOR SALE: All steel wood stove for basement or shop, $250. 717-838-1434.

FOR SALE: New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by appointment. Myers's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169.

For Sale: Commercial quality butcher handsaws. $22.00. Also, blades in stock. UPS shipping. 717-733-0511. Martin's Sharpening, R.#1, Ephrata, PA 17522.

For Sale: Top Buggy, rubber tire, good condition. Call evenings. 215-445-4490

For Sale: Used livestock pasture fencing, 200'±, some excellent condition, some fair. Lanc. Co., 215-267-2323.

FREE: Old wet sawdust, located in Downingtown, Pa. We load, You Haul. Ed Vogt. Medford, NJ 609-654-7489

Meat Grinders, Band Saws, Slicers & Tenderizers. New splitting saws, only $249. Gerry Grundy, Doylestown, PA on Rt 75, 200 yards north of Rt 274. Open Sat. & Sun. 10 a.m. to 4 p.m., 717-349-7654. Evenings call 215-549-7584.

Pole Buildings 24'x40' completely erected $3,999.00 Overhead and entrance doors included. Other sizes available. Call CHAPARAL BUILDINGS 1-800-772-0072 Call Anytime.

Thermo control, automatic draft wood stove with water coils for hot water, baseboard heat. Almost new, $475. Bucks 215-536-6094.

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Excess concrete poles, cut to your size, $2.00 a ft., FOB East Stroudsburg.
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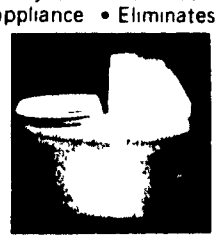

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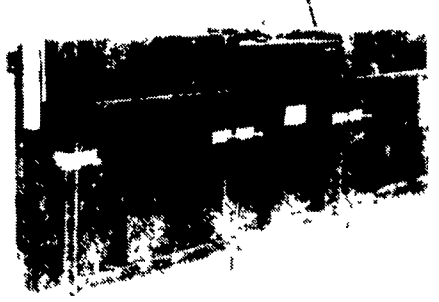
MARYLAND TOBACCO



"The Art of Baling Becomes A Reality" over the course of history. Maryland tobacco has found its way to market in a variety of forms. From barrels to burlap sheets, to tied leaves. Now, a new method has been designed which makes packed tobacco more manageable.

A baling box machine can be used which puts up tobacco in 22 inch bales that weigh 75 to 80 lbs. These can easily be stacked or stored.

The basic machine is a three-bin model where tobacco is laid in according to grade. The tobacco is compressed into bales by use of an hydraulic cylinder powered by air. A jack type system can be used for those who may not have electric available. After the bale is compressed, it must be tied with cotton twine.

The use of the three-bin press allows more tabacco to be processed in less time.

For more information and details on these new tobacco press units - Call LANCASTER SILO CO., INC. We have units in stock for sale.

We have cotton tobacco twine in stock.
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35 TRUCKS AND TRAILERS

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(1) Dsl. engine, V8, Cummins Model 555 w/auto. trans., $1,200
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(1) Front drive axle w/tires 18x22.5, $400
(1) Front straight axle w/tires 18x22.5 $300
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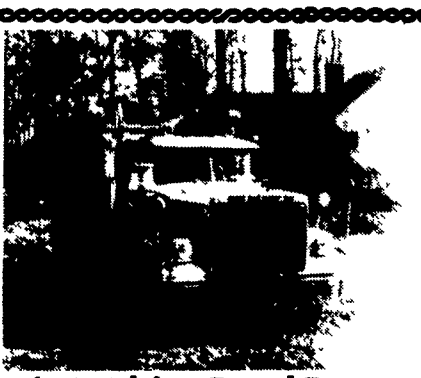

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1984 CHEVROLET C10 Scottsdale, chrome bed, royal blue paint w/light blue interior, stereo, 8 cyl., 4 SP, cargo rails, white spoked wheels w/raised letter tires.
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1979 FORD BRONCO, RANGER XLT, maroon w/accent stripe, 8 cyl , auto., PS, PB, stereo w/cassette, bucket seats, white spoked wheels, exceptional.
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Ford 1977 LN800, 391 V8, 28,000 mis. on motor, 5/2SP, PS, 1000x20 tires, 217" wheel base w 22' Duralite van body. Will sell with or without body. 301-877-9889.

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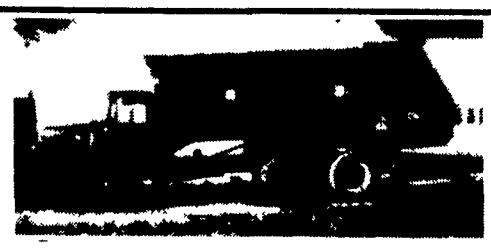

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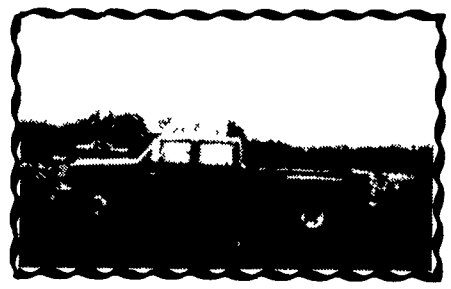

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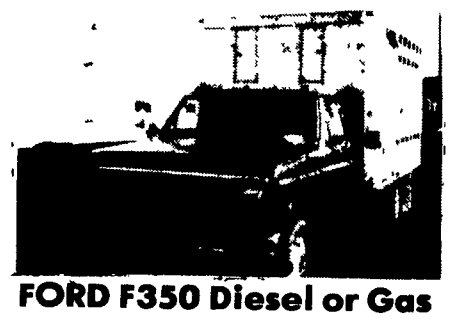

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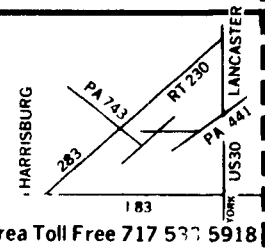

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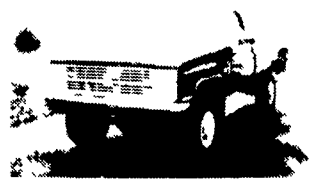
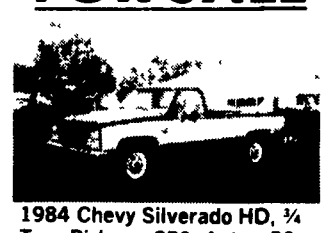
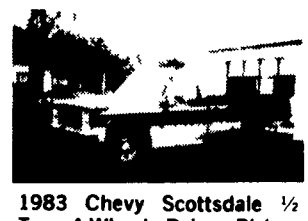


1984 Chevy HD ¾ ton 4 Wheel Drive Pickup 350, 4 Speed PS, PB, Air, AM/FM, Dual Tanks, 8600 GVW, Reg. Gas 26,000 Miles **$10,700**



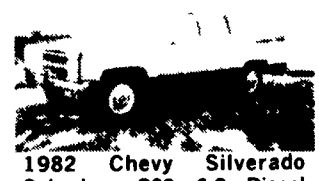
1984 Chevy Silverado HD, ¾ Ton Pickup, 350 Auto, PS, PB, PW PDL Cruise, AM/FM, Dual Tanks, 8600 GVW, Reg Gas., Ex. Cond. **$9,950**

1981 GMC Sierra Grande ½-Ton 4-Wheel Drive Pickup, 6 Cyl, Hd 4 Speed PS, PB, AM/FM 45,000 Miles **$6,500**

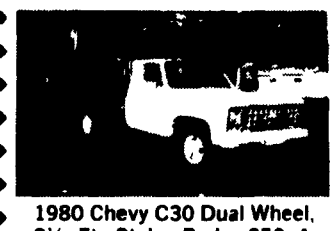


1983 Chevy Scottsdale ½ Ton 4-Wheel Drive Pickup 305 Auto, PS, PB, AM, FM, Ex. Cond. **$7,800**

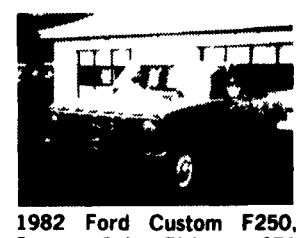
1984 Ford F150 Super Cab Pickup, 302 Auto, PS, PB, 6250 GVW, 9,000 Miles, Like New **$9,450**



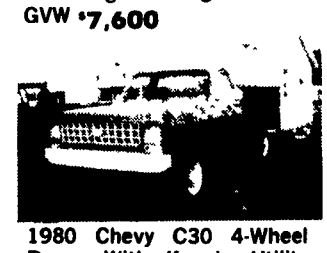
1982 Chevy Silverado Suburban C20 6.2 Diesel Auto, PS, PB, PDL, Dual Air, Cruise, Tilt Wheel, AM/FM Trailering Package, 8600 GVW **$7,600**



1980 Chevy C30 Dual Wheel, 9½ Ft. Stake Body, 350 4-Speed, PS, PB, 9,000 GVW **$5,950**



1982 Ford Custom F250, Super Cab Pickup, 351 4Spd, PS, PB, AM-FM, 8,900 GVW, Reg. Gas, 46,000 Miles **$6,950**



1980 Chevy C30 4-Wheel Drive, With Koenig Utility Body, 350 4 Speed, PS, PB, AM/FM, 9,200 GVW **$6,950**

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B-42 Mack dump truck 7x9 body, air, 6 cyl., gas, good condition. 215-965-9719 after 5.

Swartz 26' roll bed w/wench, complete, fits tandem axle truck. $5,500. 717-838-1888 Anytime.

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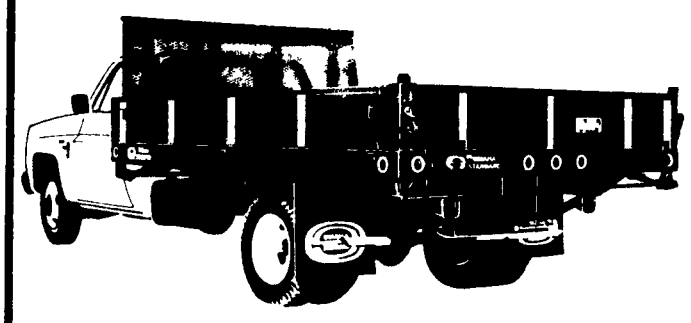
European-style Contractor Body



The European-style Tri-Loader body is an extremely versatile piece of equipment. It features 14" hinged sides which fold down or remove completely for loading from either side, a double-acting tailgate, hinged top and bottom for dumping and spreading operations with forward controls. Swaged (indented) 3-light cluster in rear outrail for better light protection and appearance. Heavy duty steel bulkheads with full width mesh windows combine maximum protection and visibility. The rugged 96" wide platform offers maximum payload and is available in wood, smooth steel, treadplate steel or steel over wood flooring

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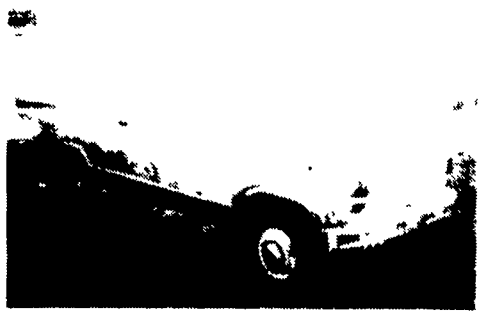
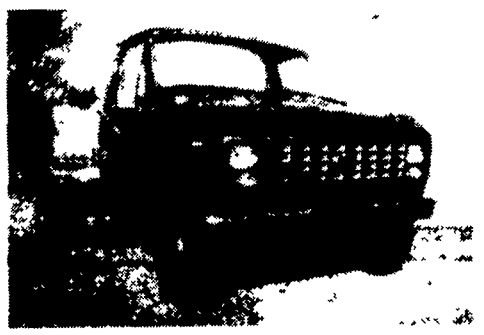


'83 Ford F250 Super Cab, 351, AT, PS, PB, Air, AM/FM Cassette, Reclining Bucket Seats, 2 Tone, Excellent Condition **$9,500**



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36 REAL ESTATE

For Rent in South Eastern Chester Co. 3 Miles from scenic Octorara. 148 Acres, 100 tillable, 25 pasture, 2 silos, 48 stanchions w/pipeline. 717-529-2396.

For Rent: NJ Dairy Farm, 105 tillable acres. Reasonable. 201-735-9038

For Rent: 28-Acre Farm, two bedroom house, bank barn, corncrib, 10 acre fenced pasture, 15 tillable. Southern York Co., 717-382-4763.

Drumore Township, 155 acre dairy farm, good state of cultivation. Broker. 717-464-5126

Farm for rent: Horse/dairy barn, three bedroom mobile home, $400 month. Moonan's Realty, Rt. 46, Boonville. 315-942-4824.

FOR RENT: Large dairy farm. Large 8 room house, large barn, equipped for 40 head of dairy cows, 250 tillable acres. Complete w/milk pump, tank, pipeline system, barn cleaner, 2 silos. Looking for hard working couple w/cows. 717-896-8348.

Farms Wanted Dairy & General To Buy or Sell
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MOUNTAIN VIEW
12 acres, two 3 BR trailers w/some outbuildings. Located near Newmanstown. Less than ½ mi. to Wildlife Management, "Project 70." Reduced to $51,500. Financing Available.

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For Sale: 102 acre farm, 50 miles north of Williamsport, 1,500 ft. frontage on Route 15, more frontage on township road, spring fed pond, 36x80' 1 story barn, 2 cement stave silos 14x40. 717-659-5555

FOR SALE. 200 acre Franklin Co. farm. 2½ story house w/farmland, woods, pasture, and stream. Priced right at $160,000 w/good terms for qualified buyer. 717-249-5005 after 5PM.

Southern Northumberland Co.
Rent w/Option To Buy; No Down
70 Acres, $75,000 home, new hog barn, shop for combines, large bank barn, 3 bay garage, 3 large grain bins, $169,000. Large Discount For Cash Call Peter.
Modern 200 Sow farrow to finish, Harvestore, 100 acres, 2 homes, plus 17 acre apple & peach orchard 4-12 yrs. of age. $329,000. Owner financing — Low Low Down — at 10% interest. Call Peter.
95 acres, 75 tillable, no home, $1,550/acre. Lease option, No down. Call Peter
44 acre farm, 25 tillable, 2 homes - barn. $89,000. Rent w/option to buy. Call Peter.
150 acres, 115 tillable, Harvestores, feed lot for 200 steers. $169,000. Call Peter.
Upper Dauphin Co.-Lykens Valley
100 acres, dairy barn, new tobacco barn, 85 tillable, nice level land, 3 to 4 bedroom home, excellent owner financing, 9% interest Low Down. $179,000. Call Peter.
90 acres, 85 nice level tillable, 3 bedroom home, barn $175,000. Owner financing. Call Ralph.

PETER B. CORTELYOU
Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman 717-692-2587

100 ACRE MODERN DAIRY & GENERAL FARM in southern Dauphin County Good loam soil 50 stall milking barn, 100 head freestall barn, large block workshop, tobacco shed, corn & equipment barn, 4 silos Located close to a main road with good traffic flow - great location for retail dairy operation Beautiful brick farmhouse (c 1859) recently remodeled with 4 bedrooms 2½ baths summer kitchen

48 ACRE FARM WITH GOOD LOAM SOIL IN SOUTHERN Dauphin County Large bank barn, tobacco shed, 4 car garage and other outbuildings 2 story farmhouse with 3 bedrooms, modern kitchen and bath Plenty of road frontage

MODERN HOG OPERATION ON 10 ACRES - 2 farrowing buildings can handle 115 sows Bank barn, corn barn, tobacco shed The recently remodeled 2 family home has modern kitchen and bath Near Bainbridge

PRICE REDUCED 6 acre farmette near Hershey Horse barn with 2 stalls, plus other outbuildings The 2½ story farmhouse has 4 bedrooms, 1½ baths, attached 2 car garage and detached 1 car garage Mobile home on property could be used for in-law or rental unit

HORSE FARM NEAR ELIZABETHTOWN - 9 acre property with 2 stall barn, very large 6 year old bilevel featuring 5 bedrooms 2 full baths, woodstove in family room and deck overlooking the surrounding countryside

Bob Gruber - Realtor Associate
specializing in farms and residential properties

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REALTY WORLD
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Elizabethtown, Pa. 17022

(717) 367-5134 or (717) 653-8523

LANCASTER COUNTY PROPERTY

30 ACRES - farmland - can be subdivided. Beautiful view in Southern Lancaster County. $90,000.

73 ACRES with 50 tillable. View and seclusion overlooking the Susquehanna River. $95,000.

155 ACRE dairy farm with southern exposure situated in a lovely valley with excellent buildings in the center with a large pond and stream covering 2 acres of land. Good outbuildings. 3 bedroom 2 story farmhouse with 2600 sq. ft. living area. Just listed for $475,000. A must to see!

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LANCASTER COUNTY FARMS

111 acres, 90 tillable sandy loam soil Steer and broiler farm with bank barn for 200 steers 24'x84' poured concrete sealed silo bottom unloader 2 44'x500' broiler houses 35 000 each 4 Bedroom brick & aluminum dwelling **$395,000 00**

156 acres, 127 tillable limestone & gravel soil Bank barn for 160 200 steers 20'x80' and 20'x70' concrete stave silos with unloaders 70' bunk feeder 2 tobacco sheds corn barn One brick dwelling and one frame dwelling **$395,000 00**

60 acres, 40 tillable limestone soil Bank barn with 20 old yoke stanchions corn barn 1 mile of road frontage Beautiful old brick dwelling for 2 families **$300,000.00**

65A dairy farm, 58 acres tillable Limestone Soil 8 Acres pasture with stream 42 show-ease stalls barn cleaner 40 free stalls 2" stainless steel pipeline 60 unit Surge milker 1250 gallon milk tank 20'x70' concrete stave silo 20'x60' Harvestore Silo 20'x32' Harvestore Silo 2 story 4 bedroom brick dwelling in excellent condition **$350,000**

72 acres orchard in 2 tracts 50 acres with 3 bedroom dwelling bank barn **$200,000**

22 acres with 18 acres in orchard and 4 acres of woods **$40,000**

2 farms consisting of 229 acres with 100 acres tillable 40 x280' cage layer house for 24 000 birds and 32'x200' cage layer house for 20 000 birds Big Dutchman 4 wells one 100 gal per minute Bank barn for 75 steers Beautiful 2 story frame and aluminum dwelling 3 bedrooms oil hot water heat w/w carpet 2 car garage Farm equipment and trucks included also egg marketing business **$799,000 00**

For more information call
SHEETZ REAL ESTATE
717-653-1481

HARDWARE - FARM SUPPLY
Hardware, Farm and Agricultural Supply Business, excellent operation located in a major dairy area, Central New York. Owner wishes to retire. Carries a wide range of hardware, smaller farm equipment, farm supplies and home needs. Modern building, 10,000 square feet located in a progressive village.

Call Terry Solan, Broker
COLDWELL BANKER
RIMADA REALTY
315-788-4444

FARMS FOR SALE

* **New Listing - Lycoming Co.**, 88 Acre Dairy, near Allenwood Remodeled to Dairy five years ago. 4 bedroom, bath, kit , DR, LR, plus a tenant house 40 Stalls, 600 gal. bulk milk tank, 14x60 silo, 2 car garage & shop 24x28 Nice level land, close to State Game Lands Beautiful view of Bald Eagle Mountain

* **New Listing - Berks Co.** near Oley 109 Acre Dairy Farm, 75 free stalls, pipeline, gutter cleaner, silos and other buildings, stream and meadow, limestone soil, 2½ story stone house, lg sit-in kitchen, lg D room, L room with fireplace, 3 bedrooms, ½ bath and shower

* **Chester Co. S. of Oxford 39 acre** (Former) dairy, barn, 40x85, milkhouse, silo, 2½ story dwelling, 3 BR w/conveniences, oil & wood furnace, 2 fireplaces

* **60 Acre Modern Dairy,** Lebanon Co Northeast of Lebanon Frame bank barn attached, like new, dairy barn, 44 tie stalls, 2 inch pipeline, gutter cleaner, stream & pond in meadow. Large bulk milk tank Colonial brick dwelling, like new condition, 4 BRs, 1½ bath, 2 silos, 10x40, corn barn, attached shed, heifer barn

* **Chester Co. Farmette.** 3 Bedroom brick dwelling, bank barn

* **90 Acres Lancaster Co.** near Little Britain Bank barn, no dwelling

* **New Listing - Cumberland Co.** 120 A Dairy near Shippensburg, 4 bedroom Limestone dwelling Large comb kit & DR, LR, hot water oil furnace, new bank barn w/new attached dairy, 51 tie stalls, silo 10x40 & 12x40, heifer pens, 525 gal bulk milk tank Plus tenant house, 3 bedrooms & bath, hot air oil heat High producing limestone & gravel soil Financing to qualified buyer Reduced $249,500

* **New Listing - 95 Acre General Farm, Berks Co.** Colonial stone dwelling & large bank barn Owner financing to qualified buyer SOLD

Call James Marsh about the above properties
717-529-2678

* **209 Acres in Perry Co.** with modern 4 BR dwelling 119 acres wooded

* **178 Acre Dairy, Perry Co.** 166 acre tillable, 4 bedroom brick dwelling with modern conveniences 31 Stanchion

* **100 Acre Woodland, Perry Co.**

Call Marlin Kreider about the above properties
717-627-8244

General Farm

* **70 Acres - Sold**

* **101 Acre Dairy, Cumberland Co.** near Boiling Springs, large 4 bedroom farm house High producing limestone soil, city water & sewerage available

* **New Listing - Cumberland Co.** 60 A General farm north of Shippensburg 4 Bedroom & bath log & frame house, oil hot air heat, 40x36 barn, attached shed 12x24 40 Acres tillable, most of balance wooded

* **Over 250 Acre Dairy Farm** with two sets of buildings, some woodland & meadows Can be bought as farm or country estate Located NE of Hershey

* **188 Acre General Farm** with over one mile road frontage, city water, large, beautiful, 4 BR dwelling, large bank barn with new roof, 2 mls E of Shippensburg.

* **120 Acre Dairy, Union Co.** 2½ story frame house, conveniences, coal stoker, 52 tie stalls (milking room with 10 tie stalls and pipeline) storage shed, calves shed.

* **4 Acre Industrial.** Just off new Rt 222 near the turnpike

* **3 Acres Commercial** on Rt 501 near Rt 76 in Bethel Just off 4 lane exit

* **New Listing** - 1+ Acres commercial, north of Ephrata along Rte 322

Other farms in many counties available.

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Real Estate Broker
734 Main St., Akron, PA 17501
Phone: 717-859-1004
24 Hour Service
James L. Marsh, 717-529-2678
Marlin Kreider, 717-627-8244

SECLUSION & PRIVACY
Berks Co. Gentlemen farm, 115 acres, 55 tillable, balance woodland & pasture. Log house with 3 bedrooms, horse barn. ¼ mile lane with bridge over stream. Ideal for retreat or executive style estate with some work. Priced $149,500.

Manheim Twp., Lanc. Co. 3 Unit farmhouse on 1 acre zone R-2. Three extra available acres with barn.

9 SECLUDED ACRES
PRICED IN THE $60's
2½ Story home with oil heat, barn & tobacco shed. Reduced Price. In River Hills. Lancaster Co.

ENJOY NATURE AT ITS BEST
GOING DAIRY FARM OPERATION
UNDER $1800 PER ACRE, 95 acres total, 13 acres pasture, 5 acres woods. Easy rolling topo., spring fed pond, stream. Bulk tank, 3 bay implement shed, comfortable 2 story 3 bedroom home, 1½ baths. Oil and/or woodstove heat. Only 10 minutes to Chambersburg.

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ESTATES • APPRAISALS • LIQUIDATIONS

Perry Co Two farms totaling 316 acres with 66 cow tie barn free stalls lagoon lots of implement and young stock facilities 2 beautiful dwelling and super fertile limestone soil spring possession Call Sandy 717 569 4264

32 Stanchion 140 acre dairy in Blaine area with brick house silo implement shed spring possession Owner will finance with easy terms Call today don t miss this one! Call Sandy 717 569 4264

Bradford Co 106 acre modern dairy 59 stanchions 4 silos large YS area FHA assumable mortgage if you qualify at low interest Call John Bomberger 717 649 5861

Blair Co Large 200 acre grain & beef farm 400+ acres available of low rent super modern house 30 000 bushel grain facility Call John Bomberger 717 649 5861

Snyder Co 399 acre dairy 2 sets of buildings silos pond modern dwelling lots of implement storage in Middleburg area Leroy Hibbs 717 837 0265

Lebanon Co Poultry and general farm w super modern home in ground pool Call Ken Young 717 426 1098

106 acre free stall w modern milking parlor Harvestore Slurry modern house and lots of other buildings A super buy Owners open to offer Call Ken Young 717 426 1098

"We Serve Your Farm Needs"

Call

LANCASTER COUNTY CALL KEN YOUNG 717 426-1098 OR SANDY LEAMAN 717 569 4264
SNYDER & UNION CO CALL LEROY HIBBS AT 717-837 0265
NORTHUMBERLAND LYCOMING, MONTOUR COUNTIES CALL JOHN BOMBERGER 717 649 5861
DAUPHIN COUNTY CALL PAT KAUFFMAN 717 896 8958
BRADFORD COUNTY CALL BARBARA LA MONT 717 297 2619

FOR SALE POTTER CO. FARM
245A Dairy or Beef, 150A T, free stall w/milking parlor. Owner Financing Available.
POTTER CO. LOTS
3, 15, 18A.
Owner Financing
814-848-9814
After 6 p m

FARMHOUSE FOR RENT WITH OPTION TO BUY
$225/month. Barn & outbuildings, 170 acres available to rent also. All with option to buy, very attractive price. Northern Potter Co. Mills area.
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814-383-2631

LAND FOR SALE
Approx. 67 acres in Juniata County. Excellent hunting, State Gamelands nearby. Trout stream running thru land. Located 5 miles from Mifflintown.
717-436-2271

WANTED TO PURCHASE
By qualified Buyer Gentleman's Farm or Farmette.
30 to 100 acres, old house ok, but must be completely renovated and MODERN. Brokers protected. Berks, Lancaster, Lebanon & York Counties. Please submit to:
P.O. Box 880
Newmanstown, PA 17073

FARM FOR SALE

SUBURBAN REALTY
FARM DIVISION
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Victoria Swayne
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Write or call for Descriptive Brochure of Farms for Sale
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Annville, PA 17003

WOODED & OPEN ACREAGE
50 acres, $49,000. 94 acres, $89,000.
West of Pine Grove, I-81, Rt. 443.
Lots of Deer & Wildlife
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Gouverneur, N.Y. 13642
315-287-4065
Lillian Hamilton
Broker - Owner

WATERFRONT
Fishing & Boating
Two BR two bath house, two BR one bath guest house, furnished and rented for $300/month. Halfmoon driveway, furit trees, sprinkler system, tool shed in a lovely subdivision, marina and private beach and club house.
Only 18 minutes to Ocala, FL.
Reduced, only $59,850
904-236-2226 After 6 PM

FOR RENT
Chester Co. dairy farm of 120 acres near Mennonite Church. House has 3 bedrooms. Barn has 60 free stalls plus loose housing for 40 head 2 Silos with unloaders and mechanical feeder Milking parlor with automatic washer. 15 Acres permanent pasture. 10 Acres fenced for supplemental pasture 20 Acres alfalfa hay 8 Acres mixed hay Machinery on farm includes NH baler, 3 bale wagons and elevator, silage chopper and blower, 100 hp diesel tractor, corn dryer and grain bin. Reply to Lancaster Farming, PO Box 366-A-79, Lititz, Pa 17543

WIMPLE ASSOCIATES
GOOD BUY #1... excellent complete farm in the Southern Tier has 195 acres with 155 tillable A proven high-producer. Good 65 tie barn could be converted to free stalls for about $200; has double 3 parlor, 20x65 concrete and 20x70 Harvestore, 850 gallon tank Heifer, calf and horse barns. Nice 4 bedroom home. INCLUDES 47 milkers, 13 bred heifers, 13 yearlings, 95 and 70 HP tractors, skid steer loader, round baler, White combine, full line of machinery for $165,000 HURRY!
GOOD BUY #2... 424 acre dairy is ready to operate, has 200 acres tillable, 100 pasture, balance woods Operating saw mill 73 cow barn, cleaner, 2 silos, 2 silos plus bunker Dreary, but good 10 room home w/new kitchen Includes maple syrup equipment Can't go wrong for $115,000 with good terms. FOR APPT CALL 607-792-3355 eve or WIMPLE'S SLOANSVILLE OFFICE 518-875-6355. .FREE DAIRY CATALOGUES

PRIVATE 17 ACRE COUNTRY ESTATE
York County - Lewisberry, Pa.
Ideal for horse and animal lovers. Spacious, unspoiled STONE house with 3 bedrooms, 2 baths, wood floors, large stone fireplace. Bank barn with utilities; new garage. Property is partially wooded. Balance of land is beautiful meadow land with stream. Call for an appointment. $200,000.
Vernon E. Anderson
Real Estate
717-432-9745

AWARD WINNING FAMILY DAIRY
Beautiful true Colonial home and excellent 42 cow barn, 2" pipeline, 2 silos and 2 large storage buildings. 127 acres, nearly all tillable level land, 2 ponds. Everything you would look for in a smaller family farm. Owners are meticulous in every phase of their operation. $175,000. Super Registered herd of Jerseys and Spotless Line of Machinery available. This type of operation rarely comes on the market!
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Over 200 Farms Available

LANCASTER COUNTY
6 Acre Farmette, 5 BR home recently remodeled nice barn possibility of 7 bldg lots
CUMBERLAND COUNTY
97 acre dairy farm plus 200 head hog fattening barn Price $140,000
NORTHUMBERLAND COUNTY
Buy these 2 neighboring hog farms and work them together 80 sow hog operation on 30 acres and 700 fattening operation on 67 acres
FARM & HOME REAL ESTATE
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717-291-2270
Sylvester Baum, Carlisle, 717-776-3967
Harlan Keener, Willow Street, 717-464-2669
Broker - J. Irvin Denlinger
717-898-8962

new pennsylvania realty, inc.
717-386-5000
BERKS COUNTY FARMS
Excellent dairy w/60 stalls, pipeline, bulk tank, 3 silos. Don't Miss This Opportunity. This is a good working farm Priced to Sell.
HOGS
Farrow to finishing w/112 acres, all in one continuous tract w/approx 5,000' of road frontage, excellent location, Myerstown area Must Be Sold
CALL CARL JOHNSON - 215-367-6160

FOR SALE
430 acres, approx, ½ tillable. Improved 6RM house, 3 BR w/basement, barn tee 38x90 w/lean 32x70 tee, tool & grain 50x50, 2 silos 16x34, hog feeding unit 40x100 self-cleaning floors w/cheese whey feeding connections w/local cheese plant, fenced, ample water, on good road.
Owner retiring must desolve partnership. Any reasonable offer accepted.
If interested contact:
Harry Troyer
R2, Box 68, Norfolk, NY 13667
315-384-4904

TWO EXCEPTIONAL FARMS

1. 60 Ac. Dairy, Lebanon Co. Remodeled brick house. Updated dairy barn and outbuildings, immaculate.
2. 108 Ac. Dairy, Oley Valley, Berks Co. Stone colonial house, modern dairy with 76 tie stalls, 3 silos, limestone soil.
Call 717-529-2678
MOSEMANN, REALTOR
717-859-1004

PENNA FARMS
FRANKLIN CO.
100 acre dairy limestone soil 9 stall milking barn DeLaval glass pipeline milkers Mueller tank lounge area for cattle trench silo road frontage NO DWELLING Shippensburg area
CUMBERLAND CO.
186 acre general farm, 150 acres crop land mostly level to rolling productive murrill & duffield soil, large bank barn, wire cribs metal grain storage w/fan silo DWELLING is in need of repair Frontage along Yellwo Breeches Creek & ap proximately 8,000 feet along 2 township roads Located SW of Carlisle
137 acre dairy, 52 stalls w/pipeline milkers bulk tank silo heifer barn limestone soil road frontage 4 BR dwelling 58 additional acres avail
95 acre Horse & Beef Farm, sandstone soil (Walnut Bottom Area) 17 acres wooded well built 16 stall horse barn ground floor barn 6 bay implement storage 2 story Colonial brick and aluminum dwelling This property is secluded and adjacent to mountain for riding
Charles Wenger, GRI 263-0945
George Ebener 249-4979
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GEORGE L. EBENER & ASSOCIATES REALTORS
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Ph. (717) 243-6195

84 ACRE BEEF FARM 3 Bedroom, 2 story remodeled home, barn, garage, pond, stream. Close to Beechwood Lake. Good hunting area. $62,500. W-1031.
SECLUSION WITH ELEGANCE. Custom built 4 or 5 bedroom Home w/formal entrance Foyer, Formal Dining Area, Eat in Kitchen, Spiral stairs lead to family room in Basement w/Fireplace & Full Kitchen & Bar, also office & exercise room. Private Patio. Wooded acreage. 4 car garage w/2 bdrm. apt. W-1016 $165,000.
GAINES AREA. Want a busy business This General Store and Gas Station is a money maker. 3 bedroom house also included Call for the facts and figures Located on Rt 6 Tioga County. $89,900 W-1009
Century 21
THE REAL ESTATERS OF WELLSBORO
East Ave., Wellsboro, PA 16901
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Call or write for free list.

8 AC. FARMETTE on hard road, 3 BR Dutch Colonial, full basement, low taxes $33 900 (W992)
RETIREMENT RANCHER, country setting yet hard road Convenient, low taxes $51,500 (W994)
290 AC HORSE/BEEF farm barns/sheds/fenced Extensively remodeled farmhouse country kitchen $205,000 (W991)
UNFINISHED CAMP well & septic near State Land Trout fishing $19 900 (W984)
9 64 ACRES gorgeous views from mountain top $7,500 (W981)
CHALET on mountain side quite new, views $27,900 (W956)
20 ACRES, stream woods tillable $11 500 (W943)
FREE LIST-CALL
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23 E Ave
Wellsboro, PA 16901,
717/724-7161

LAP OF LUXURY 3 BR aluminum & brick rancher Attached 2 car garage 2 75 ac No Potter Co Scenic views $67 500 (D468)
93 AC near State Mostly wooded building sites small stream Great hunting $49 500 (D453)
INVESTMENT PROPERTY Small garage or body shop w/apartment overhead Owner willing to hold mortgage $13 000 (D439)
BUILD YOURSELF rest of work is done Electric septic & well are in 5 ac Harrison Twp $10 000 (D460)
APARTMENT HOUSE 2 units separate meters corner lot Also 2 sty barn for storage $29 500 (D371)
CALL OR WRITE FOR FREE LISTS
ERA-Homestead Realty,
168 W Main St
Westfield, PA 16950,
814/367-2222

CAMP on 22 25 ac w/stream all utilities $18 000 (M1734)
61 MT TOP ACRES overlooking valley below Good access very private $26 000 (M1733)
PIG FARM State of the art operation Designed by Penn State Must sell owners death $150 000 (M1731)
RETIREMENT rancher w/garden sun porch etc $33 000 (M1726)
54 AC FARMETTE, good barn old but sound farmhouse fenced pasture/water woods tillable $46 900 (M1725)
54 AC CAMP on mountainside w/views unlimited hunting $29 500 OR 3 BR camp near State Land $18 000 (M1724) (M1722)
CALL-CATALOGUE
ERA-Homestead Realty
267 W Main St
Mansfield, PA 16933
717/662 3287

ERA

Farms For Sale

FLEXIBLE SELLER has reduced price on 155A general farm near Carlisle, Pa Impressive 2 story brick colonial residence. Bank barn in excellent condition. 105 tillable acres. Ask for Mrs Lutman.

LUTMAN ASSOCIATES
Real Estate Inc

655 Silver Spring Road
Mechanicsburg, PA 17055
(717) 697-6081

FARMS

124 ACRE DAIRY FARM - 7 mi east of Bellefonte 106 acres tillable, level to moderate slope 1600 sq ft 4 bedroom ranch dwelling, 2 story bank barn with 40x40 attached loafing shed 16x55 Coristone silo with unloader 30 dairy stalls pipeline Nine acres marketable oak timberland Present use dairy adaptable for other uses high fertility soil Asking $165,000 Miles Clevenstine 383-2755

RECREATIONAL LAND

86 ACRES Fronting Blue Ball Rd, Centre Co Includes 3 BRs, 12x60 furnished mobile home in excellent condition, with elec, TV cable & well Excellent hunting area Asking $69 000 Call Miles Clevenstine, 383-2755

360 ACRES ½ mile plus of road frontage, excellent hunting area with roaring run flowing through Some marketable hard & soft woods Located in Centre Co Asking $149,400 Call Miles Cleven stine, 383-2755

209 ACRES - Snow Shoe Area Private mountain land level to moderately steep with Beech Creek flowing through Good hunting area Financing available - Asking $66,300 Call Miles Clevenstine 814-383 2755

90 ACRES - 40 tillable 50 wooded At top elevation of Bush Hollow with ¼ mi of road frontage Asking $85,000 Call Miles Clevenstine 814-383-2755

100 ACRES - near Milesburg Centre County Wooded Asking $40 000

400 ACRES - Buy your own valley just minutes from State College Outstanding hunting the perfect spot to build a cabin for those Penn State football weekends Asking $210 000 Call Dick Evelhoch 814 234 1150

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State College, PA
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RAYSTOWN COUNTRY
CABINS

Shirley Twp. hunting cabin completely furnished, situated on 22 acres of mountain land, $25,000 C-140.

Cromwell Twp. 20x24 cabin on 10 21 acres, tract 48B Section, Laurel Mountain Farm (Jacks Mountain), $16,000 C-198

Cromwell Twp. hunting cabin, cottage or get-a-way place on 10+ acres, lots of good timber across roads, nice location, Priced to Sell Everything goes but personal items, $21,500 C-256

Union Twp. Really ruff it in this 3 BR cabin on 1 43 acres in Polecat Hollow Just a good hike to the river and good hunting all around, $8,000 C-259

Raystown Country farm with native stone home w/4 BR, barn, and outbuildings, on 146 acres, fields and woods, beautiful view, $186,000 C-274

LAND

Huntingdon Co. 185 acres recently timbered, nice stream through the meadow, not steep, numerous good large locations Borders State Game Lands #99 for over 1 mi, Tract is accessible from state road by a wide shell base right away $333/acre and bulk A one time offer Don't miss this opportunity

We have numerous tracts of land large and small for hunting Please contact us for more information

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Century 21
Rt. 22, Huntingdon, PA 16652
814-643-1000

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We presently have one of the largest selections of farms, farmettes, land and cabins available in central Pennsylvania. We have over 50 exclusive listings.

Our Farm and Land Department would be happy to mail a free, detailed farm and farmette list or land and cabin list to you.

See the December 7 and December 21 issues for a complete farm inventory.

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
Don Myers (814) 422-8111
Mel Rockey (814) 466-6688
(Bedford) Richard D. Reed (814) 839-4271
(Huntingdon) Rachel Furt (814) 669-4194

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State College, PA 16801
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DAIRY FARM
202 Acres

Cumberland County - Walnut Bottom (near Carlisle)

185 tillable acres level, rock free, fertile soil - two story barn with 65 - 75 milk cow capacity. 16x30 heifer barn, 40x80 loafing barn, 2 silos (20x60 & 24x70) with unloaders, 5 bay implement shed, pipeline milker, milk house with 800 gal. bulk tank, new 400 amp service, automatic bunk feeders (100' long), 2 ponds and good well. Dairy market available Extensive hard road frontage bisects farm. Two dwellings - beautiful 12 room two story and modern 9 room rancher Unusually attractive terms available. $410,000. Call Gale Bear at 717-258-6821 or write to 19 N. Baltimore Street, Dillsburg, Pa 17019

Vernon E. Anderson
Real Estate
717-432-9745

FARMS FOR SALE
PINE GROVE - SCHUYLKILL COUNTY

95 acres m/l Super farmhouse in Excellent condition 2 full baths 4 bedrooms large family room with stone fireplace roof 4 yrs old new heating system 85 pretty country kitchen and dining room Large stocked pond oversize two car garage and shop bank barn and corrall Perfect Gentleman s Farm Offered at $180 000

LEBANON COUNTY

158 acre m/l farm in Lebanon County presently set up as a layer operation 3 bedroom brick farmhouse with slate roof woodburner bank barn with slate roof 400 ft poultry building set up for 48 000 birds equip approx 5 yrs old Building could be converted to hog operation auto ventilation liquid manure system pir scrapers etc 3 wells 2x21 ton feed bins more call Slim for info offered at $250 000

LAND FOR SALE
HUNTERS PARADISE

50 acres m/l of the prettiest hunting hiking and camping ground you ll ever want to see Located in southern Sch County just west of Friedensburg Mostly hardwood and good thick deer cover it is a genuine pleasure just to walk thru the trails of this lush green forest located top of the mountain Private and secluded Will not last at only $25,000

ORWIGSBURG

13 9 acres of land part cleared part wooded in one of the prettiest sections of the county located just outside of Orwigsburg Substantial blacktop road frontage Must be seen Offered at $37 500 Excellent areas Call today

BARNESVILLE

40 acres some tillable blacktop road frontage nice piece of property Offered at $68 000

For more information or help in selling your farm or rural property call

Call Slim Brossman
Farm & Land Specialist
PENNSYLVANIA FARM REALTY
Toll Free 1-800-831-2244
Residence (717) 754-7343

AG TAX SHELTER

Can possibly shelter $100 000 per year Operating dairy farm with tremendous development potential Sewer and water available

new pennsylvania realty, inc

Contact
Perry Long
215 264 3025

SOUTHERN MINNESOTA FARM

Livestock and Cash Grain. Many selling below market. We also represent buyers. Write or call for details.

Fairbo Realty
Bill Sharkey
PO Box 836
Fairbault, Minn. 55021
507-334-2081

- WANTED -
FRUIT FARM

50 Acres & up. Cherries, peaches & apples.
Reply to
P.O. Box 4298
Reading, Pa. 19606

FOR SALE OR LEASE

Established Agriculture Business

Located in the heart of Morrison Cove, two miles south of Martinsburg, Penn. Consisting of 1.6 acres of ground, which includes 3 warehouses and a garage of a total of 19,000 sq. ft.

Fertilizer Equipment Available. Plus Other Equipment.

Excellent Location and Facilities.

Call For Other Possible Arrangements
Phone 814-793-2118

IDEAL OPERATING ORCHARD IN BERKS COUNTY

Graduated apple, peach, nectarine, plum, pear and cherry trees, from one to twenty years. On approximately 80 acres... all for $295,000!

RICH BRANDT FARM REAL ESTATE
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

CHOOSE FROM 25 CAMPS!

1319 Trailer w/spring, septic, State Land	Sweden Valley	$12,900
1354 Old farm house w/40 Ac.	Carter Camp	$22,500
1217 2-story wood heat, indoor plumbing	Gaines	$25,900
1236 Comfortable home near Pine Creek	Germania Station	$26,000
1340 Borders Marsh Cr. near State Land	Wellsboro	$20,000
1248 33 Ac. old farmette, needs work	N.E. Potter Co.	$28,250
1271 2-story in ideal location, terms	Asaph	$18,900
1267 Attractive A-frame pond & 156 Ac.	Oswayo	$59,900
1255 2-story w/100 Ac. & stream	N.E. Potter Co.	$49,500
1215 5 BR camp, furnished, septic & well	Sabinsville	$16,500
1302 Near Denton Hill, Pine Cr. & State L.	Galeton	$16,500
1303 2BR, garage, septic, well, woodstove	Westfield	$10,500
1245 Furnished trailer w/fireplace	Genesee	$7,500
1304 Camp on Long Run - needs work	Gaines	$5,900
1223 Marsh Creek, septic, dug well	Asaph	$7,900
1361 8 Ac. & furnished log camp	Galeton	$18,500
1334 Camp w/amenities, bsmt., 14 Ac.	Westfield	$29,500
1284 2 BR & bunk rm, bathroom, 50 Ac.	Genesee	$36,000
1330 2-story 3 BR, septic & well	Westfield	$14,500
1225 New Cape Cod camp w/septic & well	Wellsboro	$17,900
A1225 2-story cottage on 102 Ac. near dams	Tioga	$52,900
1349 Mobile home w/lg. rec room	N.W. Tioga Co.	$19,900
1264 2-story all amenities bsmt.	Genesee	$16,900
1183 Camp w/loft, all amenities, 8.6 Ac.	N.E. Tioga Co.	$12,900
1318 Camp on Pine Cr. & State Land	Sweden Valley	$11,000

* OVER 75 PARCELS OF LAND ALSO AVAILABLE *

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204 Acres
Western Kent Co., DE. 120 tillable, frontage on three roads, possible assumption. Asking $180,000.
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CALL 653-1481
FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

FOR RENT
40 acre farm, North of Manheim, Elizabethtown Rd., w/barn and silo.
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Southern Huntingdon Co.
Dairy farm, 175 acres w/150 acres tillable, large barn w/44 stanchions, 2 nice homes, stream & good spring on property. Many other extras. $285,000
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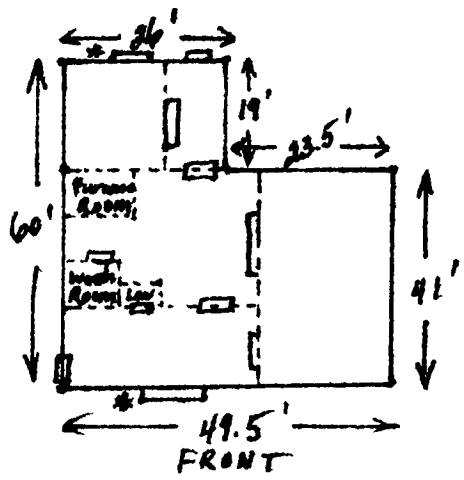
MODERN MULTI-PURPOSE BUILDING FOR SALE
(Formerly Used as a Butcher Shop)
Located near Dry Run, Franklin County, Pennsylvania (approximately 8 miles from Willow Hill Interchange of the Pennsylvania Turnpike).



A 6.46-acre tract of land with 540 feet of frontage and easy access to the Pennsylvania Turnpike via Route 75. This 6.46-acre tract of land is improved with a 50'x60' modern building (floor plan diagramed above), a 4-bedroom frame dwelling, 2 hog finishing houses (40'x80' and 40'x60'), various other out-buildings, 2 wells, a 2,500-bushel Circle bin, a 10,000-bushel Reed bin, an 18-ton Broch bin, a 12-ton Broch bin, a 10-ton Broch bin, four 16-ton Circle bins and a bucket elevator.
PRICE REDUCED - ASKING $75,000 - CONSIDERING ALL OFFERS!
Will sell bins and/or the 50'x60' modern building separately.
Must see this property to appreciate it.
For additional information, contact ***Valley Bank and Trust Company, P.O. Box 459, Chambersburg, PA 17201,*** Attention: Mike John or call (717) 263-2265, extension 323 or 254.

NEW LISTING: Amish area of York Co. - 230 Acres of mostly Chester Loam Soil, 164 acres tillable, pond, stream, 4 BR frame house, (new) equipment shed, obsolete 30 cow bank barn w/large open pens, 2 silos 12x52. This tract has 3 deeds - easy to split for Amish!! High state of cultivation, call now.

ALL KINDS OF OPTIONS: 342 Acres nice dairy operation, 60 stalls, 20x70 Blue and 2 14x45 silos. Beautiful setting with 2 good streams in Bedford Co. Very large bank barn, pipeline, bulk tank, manure pit, large equipment shed, corn bins & very nice 3 BR tenant house Main house is totally electric. 235 TA of the type of soil you will love to farm. Best of all owner quitting farming because of age & health, offers other options like turn key operation, full line of cattle and equipment or owner financing - will look at all options

15 ACRE FRUIT FARM: with over 550 ample trees plus grapes, pears, apricots. Beautiful 2 story brick house, bank barn & garage includes farm equipment Stream & small woods, Adams County

33 ACRE (No Buildings) in Lancaster County - Bart Twp. 1½ acres woods, 2 entrances from hard roads - will sub divide

120 ACRE CUMBERLAND CO. DAIRY FARM: Limestone soil with approx 100 TA. State road runs thru middle of farm w/nice length of field on both sides Equipment shed, corn barn, 2 silos, extension built out front of bank barn, and double stone & brick house w/attached garage

97 ACRES OF GOOD RIVER BOTTOM SOIL: w/2 story framed tenant house & 2 story brick farm house, huge bank barn, milk house & corn barn, very special deal Call today

MAHLON OBERHOLTZER
R.E. Broker
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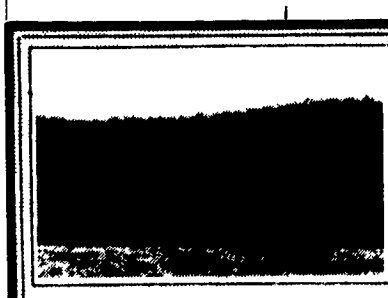
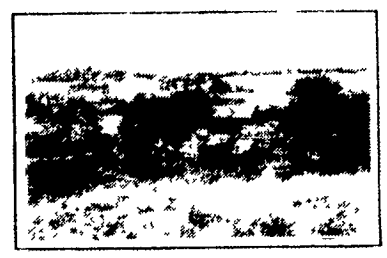
SOUTHERN CHESTER CO.
60 acres, 40-50 tillable, large 85'x70' L-shaped barn in good condition, could be made to accommodate horses or cows. Large farmhouse, good well water and stone springhouse. Asking $210,000. .
Southern Chester Co. between Oxford and West Grove, PA.
215-869-9729



HUNTER COUNTY
73 5 acres of rolling hills with 34 acres in fenced pasture 14 acres in hayland and 24 acres in game abundant woodland Includes one level frame cottage large barn old dairy barn silo and utility buildings Privately situated with beautiful mountain views and bold spring fed stream Excellent for horses cattle and/or sheep Near Historic College Town of Lexington
$89,000

BUFFALO CREEK FARM
Charming 84 acre homestead 8 miles from Lexington Seven room frame (partial log) house on a shaded setting Good barn and other farm buildings provide outstanding 80 acres of fine pasture and 4 acres of woods Bold Buffalo Creek babbling brook and nice spring
$145,000



MACKEY'S LANE FARM
290 acres of rolling fields and woods overlooking the Blue Ridge Mountains and surrounding farmland 3 miles south of Fairfield near I 81 and I 64 Attractive two story farmhouse plus fine farm facilities for efficient cattle horse and/or sheep grazing and feeding operation Excellent opportunity for alfalfa and/or other high quality hay/crop production
$395,000

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BERKS CO.
• 140 Acre Farm features lovely 2½ story stone home modern kitchen, dining room, living room center hall, 4 large bedrooms & bath large bank barn 2 large machinery sheds, small horse barn, large storage bins, gently rolling land with pond & stream, $460,000

76 Acres General Farm 2½ story brick farmhouse, needs work 2 story bank barn double corn crib large stream private setting, $150 000

SCHUYLKILL COUNTY
• 234 acre woodland tract joins state gamelands borders Rt 81 & secondary road, Pine Grove area good hunting area call for details $175 000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference
PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

MONTGOMERY COUNTY
• 82 acres 65 till, balance woodland & pasture w/stream general farm 2½ story 5 bedrm house/LR DR Kitchen & bath bank barn & other buildings ~~$250 000~~ $235,000

TIOGA COUNTY
• 410 Acre, 220 tillable Dairy Farm with lovely 2 story home features good 46 stall dairy barn pipeline bulk tank barn cleaner 2nd house new 45x72 machine shed, shop & heifer barn 18x60 and 12x35 silos pond stream good ground $325 000 Cattle & machinery available

• 800 Acre Dairy Farm 400 T 2 very good, lovely homes 83 stall dairy barn Steel pipe line 1000 gal tank and barn cleaner (2) 16x60 and (1) 14x40 silos with unloaders Large heifer barn $365 000 Full line of machinery and cattle available

• 122 Acre 100 T dairy farm 47 tie stalls with 24 free stalls 800 gallon tank barn cleaner pipeline milker 20x60 concrete silo with unloader good house with kitchen dining room 2 living rooms 3 bedrooms and bath $110 000

• 126 Acre farm 70 T 45 pasture balance wood land Land only Near above farm $65 000

SNYDER COUNTY
• 186 acre dairy farm 100 T features modern 60 free stall barn w/milking parlor 2 story heifer barn and large machinery shed 20x60 and 20x70 Harvestore silos, lovely 2 story home with 3 bedrooms kitchen large living room/dining room, laundry and bath $210 000 Also full line of machinery available

POTTER COUNTY
• 116 Acre hunting ground 30 acres open balance wooded borders 2 roads & river Possible Owner financing $50 000

BRADFORD COUNTY
• 110 Acre dairy farm 80 tillable 35 stall dairy barn with dump station barn cleaner 400 gal tank 18x55 silo and 14x60 silo with unloaders and 14x32 silo heifer barn and out buildings Large home with 5 bedrooms kitchen, dining room living room laundry and 2 baths $150 000 Also cattle and machinery available under separate contract

• 5 acre Dairy Farm Modern 74 stall dairy barn Bulk tank, steel pipe line, barn cleaner 20x32 Harvestore silo and 20x60 concrete silo Manure storage Modern Ranch home with 4BR's Kit DR LR Bath and Den $145,000 Also second house available

SUSQUEHANNA COUNTY
• 265 Acre modern dairy farm w/2 houses, 115 comfort stall dairy barn with pipeline milker, 2 large bulk tanks, barn cleaner, 3 large concrete silos, large free stall heifer & dry cow facility & large machinery shed, calf barn, lovely split level home features modern kit , formal DR, LR family room, laundry 2 baths 4 BRs Large in ground heated pool 2nd 2 story home modern kit DR, LR family room, 3 BRs, 1½ baths Also large new trailer 200 Head of dairy cattle modern line of machinery including several large tractors All for $600 000

• 565 Acre dairy farm Features 145 stall barn heifer barn, large machinery shed 2½ story house with kitchen dining room living room office family room laundry 3 bedrooms 1½ baths 2nd House Modern 3 bedroom with kitchen dining room living room and bath Apartment with modern kitchen living room dining room 3 bedrooms 1½ baths 3rd House New 2 bedroom kitchen living room and bath $750 000

FALL SPECIALS

Now thru December 31st

28 Gauge Galvalume Twin Rib Roofing

$35.00 Per Square

F.O.B. Ephrata, PA

Manufactured to your exact length at our Glenwood Drive Plant.

29 Gauge Painted Steel

- White
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29 Gauge Galvanized Metal

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- White
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HAYFIELD 25% OFF PREHUNG THERMO DOORS & WINDOWS

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410 STEEL INSULATED DOOR
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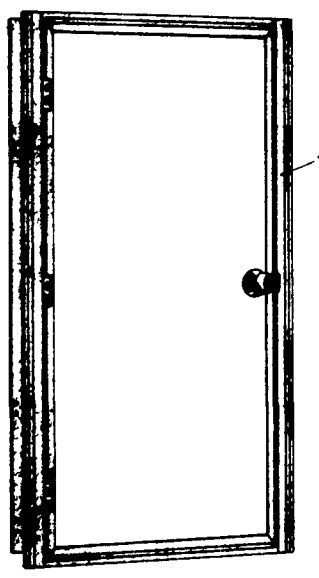
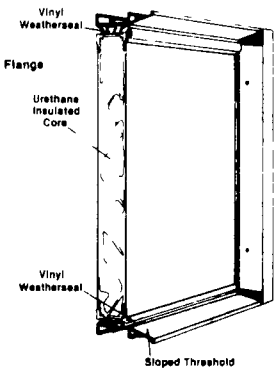
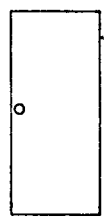
FOUR-WAY PRE-HUNG
EMBOSSED STEEL FACE
STEEL HINGES PRE-PACKED

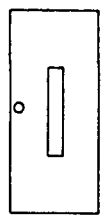




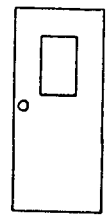
STYLES AVAILABLE



410
FLUSH DOOR
Universal Swing



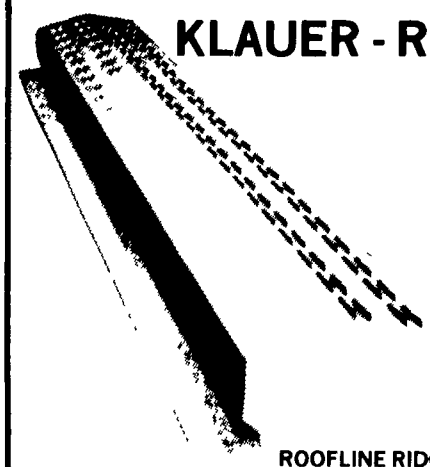
410 A
7 × 36
Tempered Glass
Universal Swing



410 B
20 × 24
Tempered Glass
Specify Swing

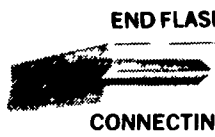
KLAUER 10% OFF ROOFLINE RIGOLATORS

The New KLAUER - ROOFLINE RIDGOLATOR®



ROOFLINE RIDGOLATOR®

END CAP REMOVED FOR INTERIOR VIEW



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CONNECTING FLASHING

- Large opening which eliminates clogging
- The most weather-proof Ridge Vent on the market
- Adjustable Flashings for various roof pitches
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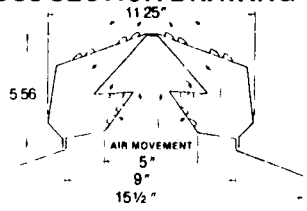

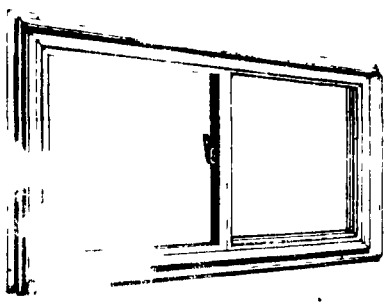

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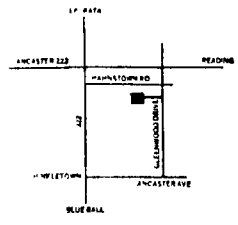

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These batteries provide longer more dependable service than standard types

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Homelite® Super EZ®

- 2.5 cu in engine with compression release
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4# Splitting Wedge

Forged from high carbon heat treated steel 4 lbs 8" long

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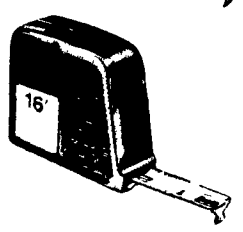
6 Lb. Maul

- Drop forged 6 lb. head with lacquered hardwood handle
- **Made in USA**



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¾" x 16' Lufkin® Unilok Tape

- Strong matt black case
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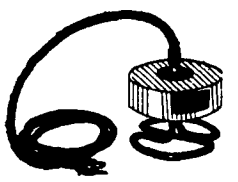

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Completely sealed terminal immersion element heats water directly Alloy construction Portable just plug in the 8 foot power cord Automatic thermostat control

1,000 Watt 18951 144	20.99
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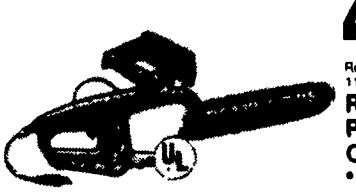
Four pack of C or D cell batteries



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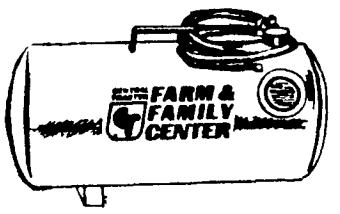
Remington® 12" POWERCUTTER Chain Saw

- Ideal for limbing and trimming projects
- Positive chain adjustment
- Model #76728



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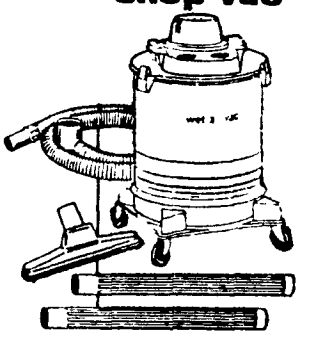
Heavy Duty Air Tank

- Complete with tire hose chuck gauge and safety valve
- 10 Gal. Tank

shop-vac



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Wet-Dry Shop Vac® w/Accessories

- Large capacity drum sits on heavy duty casters
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16' HD Cables

16 4 ga Tangle free copper cables Clamps are 400 amp vinyl coated steel
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27898 285

High Protein Dog Food

- For active hard working dogs
- 25 lb bag
- Fortified with vitamins and minerals
- Supplying all the nutrients necesary to keep your dog in healthy alert condition

50 lb Bag 27901 285 **SALE 11.49**

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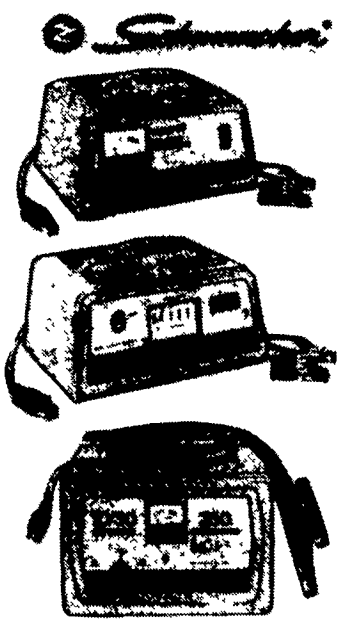
BROKEN SHARE REPLACED FREE! As Long As Share Is Not Worn Out.

Applies only to Rock Shares

The extra heavy duty long wearing share is made of top quality spring steel Extra material is added to the nose of the share making it wear twice as long and extra strong to eliminate breakage Our extra heavy duty plow shares wear as long as any other share on the market Rock Shares For Allis Chalmers Case John Deere Ford IHC Massey Ferguson Oliver and Minneapolis Moline Made in USA

All 14"	5.99
All 16"	6.49
All 18"	6.99

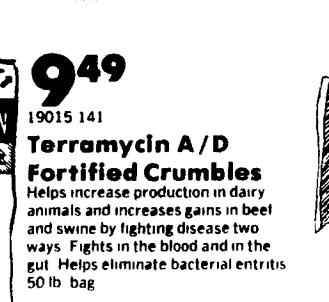


SAVE up to 5.00

Battery Chargers

Charges 6 and 12 volt batteries Accurate numerical dial ammeter shows exact rate of charge

6 Amp 16282 084	24.99
10 Amp 16276 084	27.99
10 Amp Automatic 1428 084	35.99
10-30-50 Amp 12V Booster 16284 084	41.99



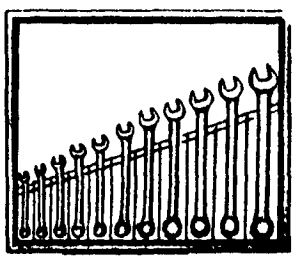
94.99

16281 084

250 Amp Booster Charger

- Solid state circuitry
- 250 Amp Watt Boost
- 10 Amp slow charge
- 30 Amp fast charge
- UL Listed

150 Amp Boost
15 Amp sec 60 Amp pf
16280 084 **NOW 69.99**



YOUR CHOICE **8.99**

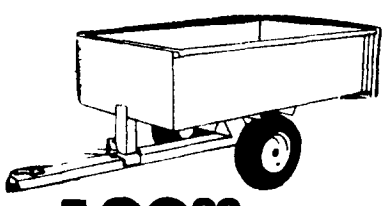
11 Pc. Standard Wrench Set

Reg 12.99 / SAVE 4.00
13526 022

Standard set sizes ¼" thru ¾"

11 Pc. Metric Wrench Set

Reg 12.99 / SAVE 4.00
13533 022



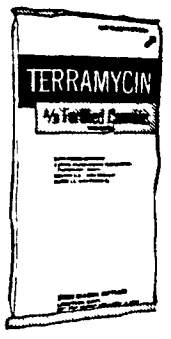
109.99

19461 243

10 Cu. Ft. Trailer Cart

- Heavy steel body
- Easily hitches to a garden tractor or riding mower
- Removable sliding tailgate
- Large pneumatic tired wheels
- Body 48" long 30" wide 12" deep
- Cart may vary from illustration

17 Cu Ft Trailer Dump Cart
19479 243 SALE 179.99



9.49

19015 141

Terramycin A/D Fortified Crumbles

Helps increase production in dairy animals and increases gains in beef and swine by fighting disease two ways Fights in the blood and in the gut Helps eliminate bacterial enteritis

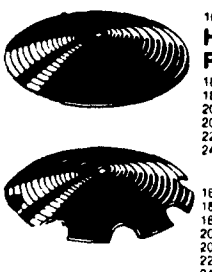
50 lb bag

14.50

27800 285

50 Lbs. Milk Replacer

Higher quality than many milk replacers on the market Compare yourself and see the difference



4.29

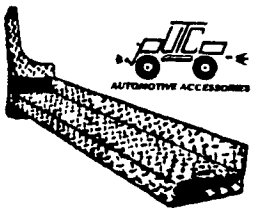
16" 11 ga plain blade

Heat Treated Plain Disc Blade

18" 11 ga	NOW 5.49
18" 9 ga	NOW 5.99
20" 9 ga	NOW 7.49
20" 7 ga	NOW 9.49
22" 7 ga	NOW 11.99
24" x ¼"	NOW 19.99

Notched Blades

16" 11 ga	NOW 4.49
18" 11 ga	NOW 5.69
18" 9 ga	NOW 5.99
20" 9 ga	NOW 7.49
20" 7 ga	NOW 9.99
22" 7 ga	NOW 11.99
24" x ¼"	NOW 19.99

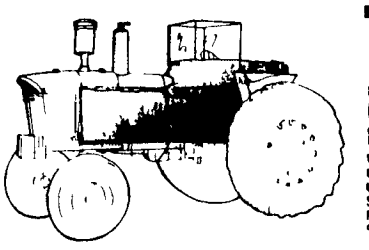


54.99

73-86 Chevy & GMC	25157 314
72-86 Dodge	25159 314
73-'86 Ford	25186 314
82-86 Chevy S10	25421 314
83-86 Ford Ranger	25446 314

Alum. Tread Brite Running Boards

- Protects your pickup's body from rock chips and mud splattering
- Mounting brackets and hardware included



109.99

Reg 109.99 / SAVE 5.00

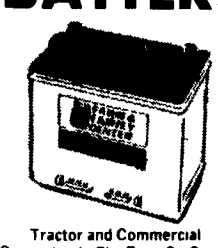
Universal Heater Cab

Will fit most popular models of tractors Extra side adjustments cut tapered to fit contour of tractor hood

Side entry	11157 235
Rear entry	11162 235
Small models	11169 235

BATTERIES AS LOW AS **28.99**

Group 22F
3 Year Guarantee Automotive Use



Tractor and Commercial Guarantee ½ The Time On Group 22 24 27 and 74 Batteries Many Other Batteries Available At Special Low Prices

Guarantee	Volts	Cold Crank	Group	Exch Price
3 Yr	12	350	22F	28.99
4 Yr	12	400	22F	30.99
5 Yr	12	440	22F	35.99
3 Yr	12	350	24/24F	29.99
4 Yr	12	400	24/24F	35.99
5 Yr	12	500	24/24F	41.99
3 Yr	12	350	74	32.99
5 Yr	12	500	74	42.99
2 Yr	6	480	1	30.99
3 Yr	6	525	1	34.99
2 Yr	12	715	4DLT	83.99
4 Yr	12	485	27 27F	39.99
5 Yr	12	565	27 2F	46.99
2½ Yr	12	580	30	55.99

"NEW EVERY DAY LOWER PRICES"

CENTRAL TRACTOR FARM & FAMILY CENTER.

THESE PRICES WILL BE HONORED ONLY AT THE LANCASTER, PA STORE
SALE MON., DEC. 16 THRU SUN., DEC. 29th

LANCASTER
1570 Manheim Pike, Ph 717/569-0111
HOLIDAY STORE HOURS:
8:30 a.m. to 6 p.m. Mon. thru Fri.
8:30 a.m. to 5 p.m. Sat. / 12 to 5 Sun.

All items are subject to stock on hand We reserve the right to limit quantities Sale ends on above date Not Responsible For Printing Errors

York County DHIA Monthly Report

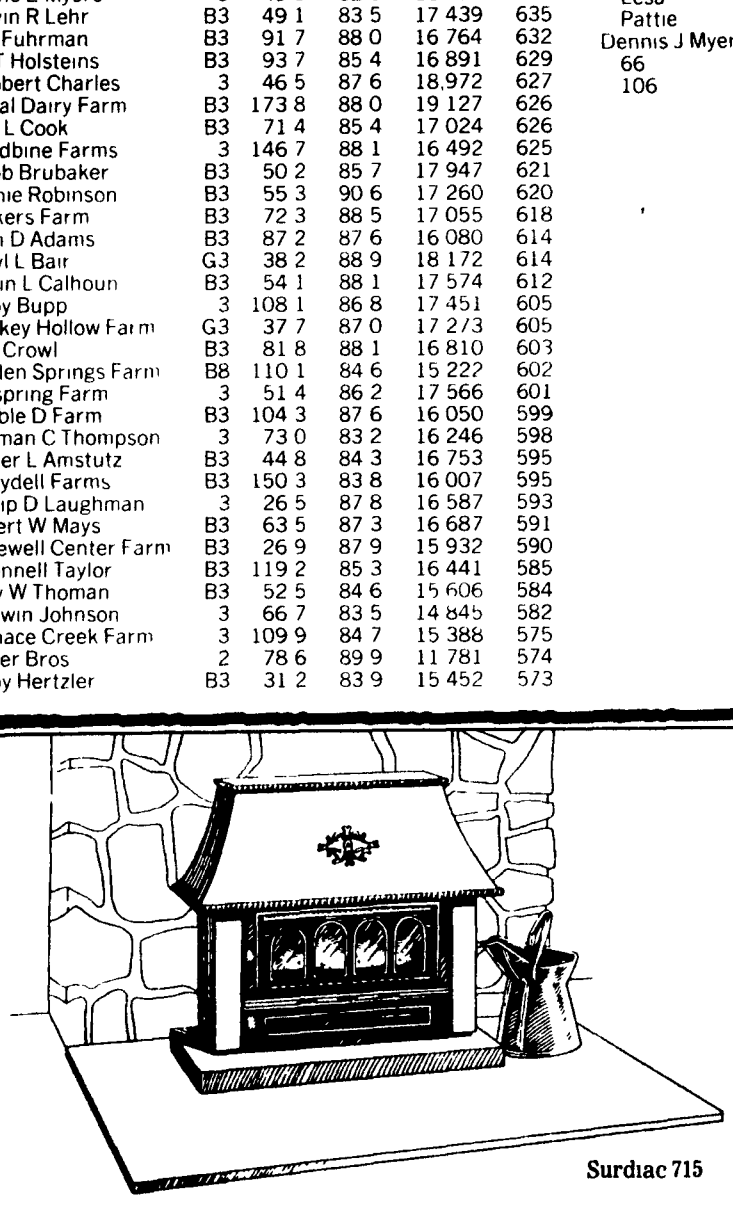
dhia
Pennsylvania Dairy Herd Improvement Association

YORK COUNTY DHIA
October, 1985

HS & RE Fetrow	3	81 4	88 0	20 978	767
Smysers Richlawn Fms	3	77 4	86 7	20.546	758
Lynn Wolf	3	71 4	90 0	21.074	751
Jim&Holly McCaffree	3	41 0	85 6	20 536	748
Stump Acres	3	104 4	92 5	18 670	740
Paul R King	3	53 9	87 6	18 616	737
Sinking Springs Fming	3	66 5	88 1	19 482	730
Beshore Farms	3	47 9	84 4	20 629	725
Thomas A Boyer	3	44 7	85 0	18.842	702
Leonard Greek	3	29 3	91 4	18 453	701
John Wilcox	B3	62 3	89 2	18 743	697
David Stewart	3	111 5	92 2	18 585	691
Wayne B Mummert	B3	75 3	86 8	19 057	680
William Ruppert	B3	54 0	91 0	19 263	679
Bald Eagle Farm	B3	67 2	87 1	17 941	674
William Myers	B3	45 3	86 1	18 733	672
Fawn Meadow Holstein	B3	70 8	86 4	17 727	668
Dan & Patti Hushon	3	36 0	87 4	18 350	654
Rineway Dairy Farm	B3	87 8	86 0	18 744	647
Desota&Robt Burchett	B3	102 2	87 7	17 371	645
RR & MR Stewart	3	60 3	88 6	18 126	642
George Innerst & Sons	B3	80 6	86 3	17 336	641
Mervin W Hertzler	2	61 8	87 1	13 919	638
Walnut Hill Farm	B3	50 5	85 5	17 546	638
JH & MB Hushon	B3	94 6	88 4	16 689	636
Wayne E Myers	3	49 3	82 5	16 992	635
Melvin R Lehr	B3	49 1	83 5	17 439	635
Earl Fuhrman	B3	91 7	88 0	16 764	632
Big T Holsteins	B3	93 7	85 4	16 891	629
R Robert Charles	3	46 5	87 6	18,972	627
McRal Dairy Farm	B3	173 8	88 0	19 127	626
Rick L Cook	B3	71 4	85 4	17 024	626
Woodbine Farms	3	146 7	88 1	16 492	625
Jacob Brubaker	B3	50 2	85 7	17 947	621
Lonnie Robinson	B3	55 3	90 6	17 260	620
Walkers Farm	B3	72 3	88 5	17 055	618
John D Adams	B3	87 2	87 6	16 080	614
Daryl L Bair	G3	38 2	88 9	18 172	614
Edwin L Calhoun	B3	54 1	88 1	17 574	612
Leroy Bupp	3	108 1	86 8	17 451	605
Smokey Hollow Farm	G3	37 7	87 0	17 2/3	605
Ellis Crowl	B3	81 8	88 1	16 810	603
Hidden Springs Farm	B8	110 1	84 6	15 222	602
Leaspring Farm	3	51 4	86 2	17 566	601
Double D Farm	B3	104 3	87 6	16 050	599
Rodman C Thompson	3	73 0	83 2	16 246	598
Walter L Amstutz	B3	44 8	84 3	16 753	595
Perrydell Farms	B3	150 3	83 8	16 007	595
Phillip D Laughman	3	26 5	87 8	16 587	593
Robert W Mays	B3	63 5	87 3	16 687	591
Hopewell Center Farm	B3	26 9	87 9	15 932	590
J Donnell Taylor	B3	119 2	85 3	16 441	585
Gary W Thoman	B3	52 5	84 6	15 606	584
T Edwin Johnson	3	66 7	83 5	14 845	582
Furnace Creek Farm	3	109 9	84 7	15 388	575
Rutter Bros	2	78 6	89 9	11 781	574
Leroy Hertzler	B3	31 2	83 9	15 452	573
Four Co Farm	3	47 6	86 0	16 147	571
David Gemmill	B3	72 3	87 7	15,446	570
Albert Neufeld	B3	113 9	90 6	16 251	567
Gum Tree Farm	3	47 0	86 8	16,278	566
Elvin G Molison	B3	155 5	81 0	16 308	565
Dale & Darla Doll	3	68 7	89 6	15,979	564
Barrens View Fm	B3	65 6	90 3	15 530	564
David L & Chris Druck	B3	69 0	79 7	16 785	562
William H Fantom	B3	67 6	85 5	15 824	562
Ramsey S Cooper Jr	B3	61 9	85 7	15 741	561
Kenneth G Glatfelter	G3	66 2	87 2	16 323	560
Harold Brown	3	66 1	88 3	15 454	558
My T Farms	B3	47 4	85 4	15 019	558
Bradley Emig	4	37 8	86 1	11 538	556
Eisenhart Bros	B3	94 2	87 7	15 495	552
Circle Creek Hol	B3	45 3	86 2	14 742	551
Howard G Taylor	B3	52 0	85 9	15 480	550
Robt Baumgardner Jr	G3	60 1	86 0	16 340	550
David V Thompson	B3	82 0	85 6	14 195	550

Rutter Bros						
Bozo	2	4 2	305	11 737	5 6	652
Beshore Farms						
Horty	3	9 3	305	24 877	3 0	752
Petite	3	3 5	305	20 710	3 3	677
Leroy Hertzler						
Midge	3	4 0	305	17 207	3 8	651
Harold Brown						
Stacy	3	5 9	305	20 362	3 6	743
Gum Tree Farm						
Fifi	3	4 4	305	18 102	3 6	656
Gay	3	3 4	305	15 834	4 3	684
Rineway Dairy Farm						
214	3	7 0	305	27 664	3 0	840
351	3	3 0	302	24 185	3 3	790
Smysers Richlawn Fms						
Brett	3	4 8	305	24 183	3 5	845
Alicia	3	3 3	292	25 455	3 0	752
Jane	3	4 1	305	21 511	4 4	951
Leroy Bupp						
Fanney	3	5 10	305	26 068	3 1	799
Beau	3	5 3	305	22 051	3 4	757
Prize	3	4 6	305	21 568	3 3	705
Sibyl	3	4 2	305	20 290	3 5	701
Hidden Springs Farm						
Libby	3	7 3	305	23 356	3 4	795
Eloise	4	5 2	305	13 976	4 7	659
Nite	3	4 4	305	21 315	4 1	881
Lesa	3	4 2	289	18 507	4 2	769
Pattie	4	4 0	301	15 161	4 6	695
Dennis J Myers						
66	3	6 4	305	22 576	3 0	680
106	3	3 5	305	21 469	3 7	786
Wayne B Mummert						
45	3	9 4	305	20 543	3 9	809
18	3	8 2	305	21 238	3 5	743
27	3	5 0	305	19 818	4 0	787
55	3	5 1	305	22 390	3 5	789
Dale & Darla Doll						
Violet	3	5 1	303	18 139	4 0	723
Sleepy	3	4 1	305	21 737	3 4	731
Melvin R Lehr						
43	3	3 0	305	22 173	4 6	1023
John H Doll Jr						
Lee	3	8 1	305	22 050	3 5	762
Wayshar Farm						
Tara	3	5 11	305	20 275	4 1	835
Victo13	3	4 4	305	15 918	4 2	671
Gabrill	3	3 11	305	22 924	3 7	852
Rick L Cook						
28	3	6 3	293	19 118	3 5	668
29	3	6 1	294	20 666	4 2	862
36	3	5 4	305	17 181	4 0	692
49	3	4 10	284	17 624	3 8	678
J Donnell Taylor						
Sue	3	6 0	305	17 303	3 9	668
Louise	3	6 3	305	19 889	4 3	848
Moose	3	3 3	301	18 674	3 7	699
Elvin G Molison						
49	3	9 3	305	18 326	3 9	709
112	3	6 8	305	21 204	4 0	845
200	3	5 1	270	22 181	3 6	809
222	3	4 5	305	25 332	3 0	750
Daryl L Bair						
Marlene	3	4 6	305	21 757	3 7	815
Mervin W Hertzler						
Rhonda	2	7 5	305	16 210	4 8	786
Elaine	2	6 0	305	15 682	4 7	731
Edwin L Calhoun						
Cherry	3	4 3	305	20 772	3 3	692
Circle Creek Hol						
Kim 1	3	7 7	305	16 533	4 2	691
Lucinda	3	5 2	289	15 846	4 4	693
Robert W Mays						
10	3	7 2	305	17 781	4 1	724
44	3	4 10	305	19 141	3 5	673
40	3	4 2	299	19 377	3 6	701
16	3	2 11	305	16 200	4 0	654
59	3	3 0	305	17 236	4 1	714
Albert Neufeld						
165	3	4 9	299	19 286	3 6	689
125	3	2 1	305	15 909	4 4	696
67	3	0 0	305	21 039	3 3	697
45	3	0 0	305	18 554	3 6	661

(Turn to Page C3)

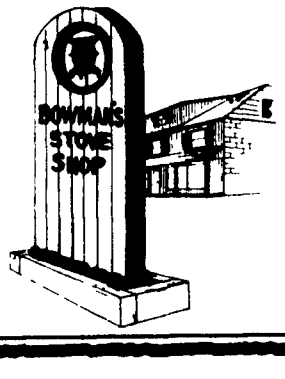


Surdiac 715

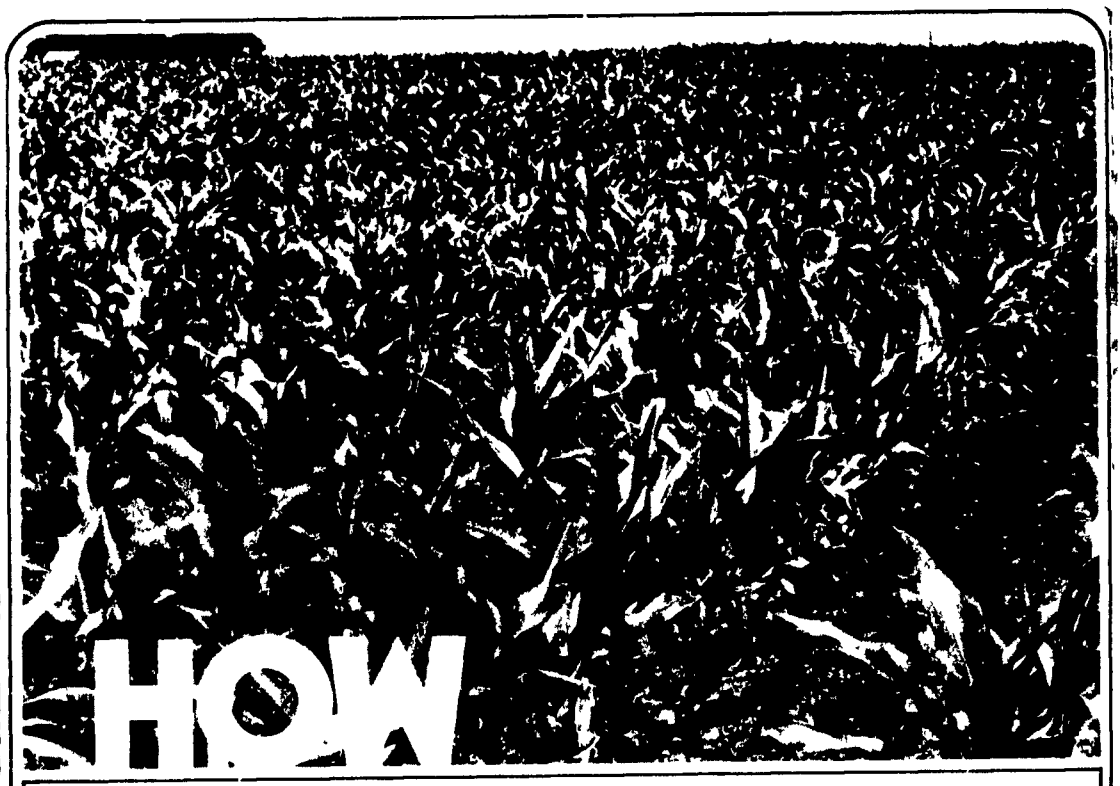
Replace your stove - Move up to a Surdiac.

- 60,000 BTU Output
- Up to 24 Hour Burn Time
- Wood & Coal Combination
- Convection & Radiant Heat

JØTUL



BOWMAN'S STOVE SHOP
RD 3, Ephrata, PA 17522
Rt. 322, 1 Mi. East of Ephrata
(717) 733-4973
Tues. & Wed. 10-6; Thurs. & Fri. 10-8;
Sat. 10-4



UNIPEL® 13-34-10
fertilizer can get your corn crop off to a super start:

It has a high concentration of water-soluble Phosphorus that gets to young seedlings quickly. Helps plants establish a good root system – the starting point for top yields. Its quick-acting and long-lasting Nitrogen team up to feed the young plants for full yield potential, continually from sprouting to harvest.

This is the Starter Special that corn growers know from good experience. It's highly effective as a banded starter. And it's SAFE . . . no chance of ammonia damage to tender, young seedlings when used as a "pop up" and applied directly with the seed at 50 lbs./acre.

How can we fit UNIPEL 13-34-10 into your corn fertility program?

Chevron ORTHO FERTILIZERS
Helping the World Grow Better

P.L. ROHRER & BRO., INC.
SMOKETOWN, PA PH: 717-299-2571

T.M. ORTHO Chevron design UNIPEL Reg U.S. Pat Off CHV 677 22N

York Co. DHIA

(Continued from Page C2)

Robt Baumgardner Jr						
7	3	10 1	305	21 417	3 7	782
Sheriff	3	7 5	305	19 739	3 4	671
Becky	3	5 6	305	21 196	4 4	938
David Stewart						
Fiona	3	8 4	284	23 799	3 6	855
Pretty	3	5 11	305	22,848	4 1	938
Crisie	3	5 10	305	21 683	4 0	871
GL 3	3	5 5	305	24 689	3 7	911
Bli Y 2	3	4 1	305	24,162	3 8	911
Jo Boy	3	3 9	305	22 283	3 5	778
Vesta	3	4 10	305	19 813	4 1	810
Dan 2	3	3 1	305	16 878	4 1	687
My T Farms						
36	3	8 1	305	17 473	4 0	706
5 A	3	4-4	305	16 570	4 1	673
David Gemmill						
112	3	6 2	305	19 345	3 6	699
Deal Holsteins Farm						
96	3	6 3	305	15 362	4 3	663
174	3	4 2	298	16 066	4 4	709
Cool Branch Farm						
Janet	3	7 9	305	21 111	3 4	713
Lonnie Robinson						
Lola	3	6 0	305	23 938	3 0	716
20	3	0 0	305	17 220	3 9	663
Keith A Shaffer						
Eve	3	5 3	305	17 232	3 8	661
George Innerst & Sons						
23	3	5 5	305	28,604	3 2	929
50	3	5 10	305	23 853	3 6	860
85	3	4 2	305	20 565	3 6	742
Walter L Amstutz						
Glenda	3	4 9	305	21 338	3 4	732
Jolly	3	5 5	271	19 591	3 5	686
William Myers						
Lois	3	4 11	304	22 179	3 2	704
Leonard Greek						
Primo 7	3	4 0	305	23 590	4 1	969
Mart 11	3	2 7	305	15,401	4 3	659
Hopewell Center Farm						
53	3	4-10	305	17,840	3 8	670
49	3	3 0	305	18,866	3 7	693
52	3	2-0	305	18,037	3 7	662
James W Miller						
58	3	0 0	305	18,671	3 7	683
67	3	8 10	305	19,255	3 4	663
John Wilcox						
89	3	8-3	305	22,040	3 9	849
124	3	6 6	305	23,427	3 9	924
McRal Dairy Farm						
179	3	5 7	305	23,632	3 0	698
Dputy58	3	4 10	305	23,819	3 4	813
415	3	3 0	305	18 552	4 3	795
454	3	2 4	302	20 097	3 5	706
Eisenhart Bros						
311	3	5 9	305	18,349	3 5	651
369	3	3 8	305	20,038	3 6	714
323	3	5 4	305	19,281	3 4	651

It's Year End Savings Time at EMHERR

THE KEY TO QUALITY IS GSI

NEW LOW LEASING AS LOW AS 5%

*** Take The Guess Work Out ***

FEED SCALES

Designed For Augers & Overhead Bins

Also Avail. Electronic Control

	Reg	SALE
Basic Scale	269 95	$229.95
Top U Hopper	30 00	$25.95
Bottom Chute Hopper	30 00	$25.95

MODEL 600 CORN & PROTEIN	
Size	18 x 17 x 18
Style	Paddle Wheel
Accuracy	Within 2%
Shipping Wt	45 lb
CAPACITIES	
Up to 600 Bu Per Hr	
12 lbs to 20 lbs Per Dump	
360 lbs to 600 lbs Per Minute	

MODEL 1200 CORN & SILAGE	
Size	24 x 18 x 24
Style	Paddle Wheel
Accuracy	Within 2%
Shipping Wt	80 lb
CAPACITIES	
Up to 1200 Bu Per Hr	
20 lbs to 40 lbs Per Dump	
600 lbs to 1200 lbs Per Minute	

NELSON LIVESTOCK WATERERS

- Pasture or Confinement
- Hogs, Sheep, Cattle, Calves

	Reg.	SALE
12" High w/Heat	$129.95	$109.95
24" High w/Heat	$169.95	$149.95

NEW S & H MANURE SPREADER

w/Hydraulic Endgate 350 Bushel

List $7900

(Good Buy)

SALE $5700 (Leasing Avail.)

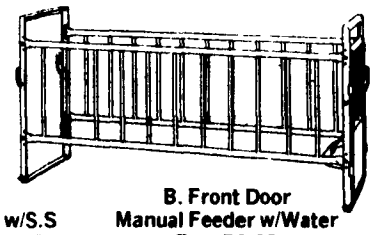
SAVE $2200

BASIC FARROWING STALL

Reg. $144 00

SALE $115.95

Options Avail.



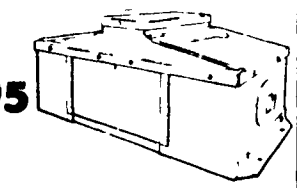
A Front Door w/S.S Feeder Reg. 76.14 SALE $59.95

B. Front Door Manual Feeder w/Water Reg. 52.00 SALE $42.95

HPF-2 - 2 Hole Heated HOG WATER

With Porcelainized Bowl

Reg. $152.95 SALE $129.95



Also Avail. All Galv. With Heat

Reg. $139.95 SALE $99.99

MOISTURE TESTER

SEASON CLEARANCE

Reg. $269.95

SALE $199.95

SOW FEEDER

Upper Galv. - Lower Stainless Steel

Reg. $59.95 SALE $49.95

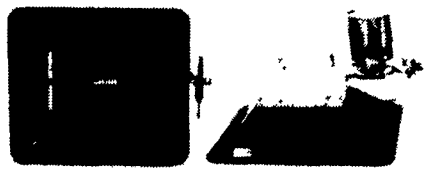
SAVE MONEY WITH MONOFLO BROODERS

Warm As The Sun For Pigs, Poultry, Etc.

6,000 BTU

$49.95

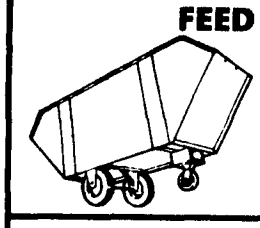
Controls Available



Gas Hose, Fittings & Regulators Also Avail.

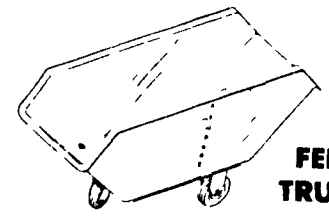
FEED CART for Silage, Feed Etc.

16 Bus. Galv. - CLEARANCE



Reg. $179.95 SALE $100.00

16 Bus. NEW Polyethylene Feed Truck Reg. $241.95 SALE $195.95



FEED TRUCK

TOTALLY ENCLOSED FARM DUTY MOTORS

DAYTON

Also All Sizes Of Pulleys Available

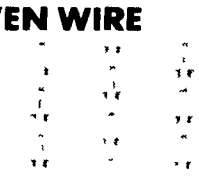
• 1/3 HP	$79.95	• 2 HP	$189.95
• 1/2 HP	$89.95	• 3 HP	$239.95
• 3/4 HP	$109.95	• 5 HP	$299.95
• 1 HP	$129.95	• 7 1/2 HP	$389.95
• 1 1/2 HP	$139.95	• 10 HP	$499.95

TOTALLY ENCLOSED KFF MOTORS

• ½ H.P	Reg $79 99	SALE $69.99
• ¾ H.P	Reg $99 99	SALE $89.99
• 1 H.P	Reg $109.99	SALE $99.99

WOVEN WIRE

Flat Top



5-Gauge 3-Gauge

Sizes - 5x7 & 4x8

CATTLE PRESSURE FOUNTAIN WITH HEAT

80 Head Cap.

16¼" long, 26¼" wide, 30" high

Model CPE Reg. $226.84 SALE $179.95

HOG NIPPLE WATERERS

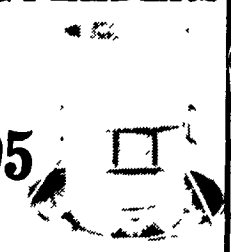
	Reg	SALE
• Monoflo	4 69	$2.59
• Trojan	6 29	$4.39
• Stingy	4 99	$4.29
• Hose Kit w/Saddle	4 59	$3.09

Stainless Steel ROTARY HOG FEEDERS

275 Lbs.

Reg. $219.95

SALE $169.95



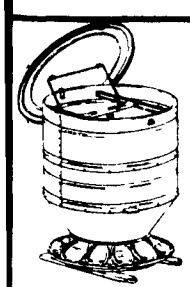
POLI-TRON CATTLE/HORSE WATERER

- 80 Head Cap.
- Prevents Freezing to -30° without Electricity or Gas
- Assures Livestock Fresh Water Daily

$138.95

21-80068

ROUND FEEDERS



- Reduces Feed Wastage
- Easy Flow "Agitation System"
- One-Piece Galvanized Spun Bottom or Cast Iron Bottom
- Easy Assembly
- 1800 Lb. Capacity

Reg. $322.99

SALE $269.99

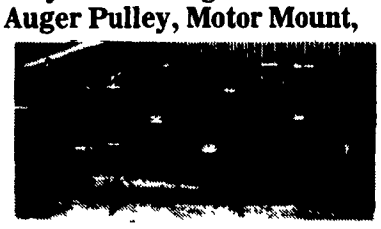
Also Available w/Extra Rings For More Capacity

STAINLESS STEEL FINISHING HOG FEEDERS

- 8 Hole.. $269.95
- 12 Hole $349.95

MJM AUGERS -

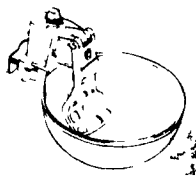
Heavy Duty Tube & Flight w/Intake Guard Auger Pulley, Motor Mount, Spout, and Belt



• 4 x11	$98.95	• 6 x11 $159.95 • 8 x11 $259.95
• 4 x16	$119.95	• 6 x16 $195.95 • 8 x16 $329.95
• 4 x21	$139.95	• 6 x21 $239.95 • 8 x21 $379.95

Also Avail Galv. Tubing, Flighting, Heavy Duty Motor Mounts - We Will Custom Make Any Size Auger Needed

CAST IRON WATER BOWLS

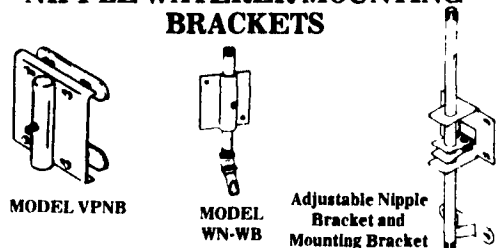


Reg. $29.82 SALE $23.95

CAST IRON PIG CUP WATERER

Reg. $17.07 SALE $13.95

NIPPLE WATERER MOUNTING BRACKETS



MODEL VPNB Reg $8 29 SALE $6.59

MODEL WN-WB Reg. $4.82 SALE $3.95

Adjustable Nipple Bracket and Mounting Bracket Reg. $18.70 SALE $14.95

MONOFLO 4 GAL. MEDICATOR

Reg. $169.95

SALE $129.95

★ FULL LINE PARTS DEPARTMENT - WE SELL, SERVICE & INSTALL ★

EMHERR EQUIPMENT, INC.

Serving the Industry For Over 25 Yrs.

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or Toll Free: 800-732-0053

Mifflin County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

MIFFLIN COUNTY DHIA
October, 1985

Percy S & R Glenn Yoder	H	82 8	87 4	19 658	772
John A Peachey	H	55 8	89 7	21 072	762
Bradstead Farm	H	37 7	91 5	21 639	762
Charles L Forgy	H	54 2	89 1	20 037	762
Merle E Yoder	H	37 7	88 8	19 451	723
Mark S Yoder	H	90 9	87 2	18 894	721
Kore E Yoder	H	52 8	89 9	18 838	713
Joseph E Kurtz	H	49 4	85 1	19 696	713
Paul J Zook	H	53 1	87 7	19 841	709
Marvin R Kanagy	M	45 0	88 0	19 058	708
James H Allison	H	39 3	87 1	20 222	708
Joshua D Yoder	H	53 2	87 6	19 259	708
Sylvanus S Peachey	H	93 0	89 7	19 154	701
J Loren Yoder	H	39 0	92 5	18 412	700
Frank J Hartzler	H	60 7	89 3	19 145	699
Louis S Peachey Jr	H	51 9	85 1	18 563	699
Kore J Peachey	H	57 3	89 4	18 361	698
John K Kauffman	H	81 0	86 6	19 207	693
James G Laughlin	H	42 8	89 5	18 379	692
David T Hostetler	H	36 1	86 8	18 217	687
Aquilla I Yoder	H	80 1	90 0	17 663	686
John K King	H	47 6	89 7	17 942	685
David R Spicher	H	79 6	91 5	18 856	684
Jesse L Spicher	H	34 5	87 9	17 668	684
Byler Brothers	H	89 4	84 1	18 479	682
John B Peachey	H	68 7	89 8	18 634	681
David W Yoder	H	72 7	88 2	18 943	677
Vaunholm Farm	H	56 0	90 0	18 385	674
Russel L Kline	H	52 2	87 7	17 966	672
Leroy Kauffman	H	52 0	88 2	19 572	670
James O Reed	H	30 7	91 2	17 257	669
James L Hostetter	H	43 2	92 5	18 079	669
G Sheldon Peachey	H	46 2	85 8	18 293	662
Peachee Farms	H	65 6	86 9	16 926	660
Robert Stayrock	H	30 8	88 3	17 845	658
David C Yoder	H	47 5	86 2	19 527	655
John A Yoder	H	40 2	86 9	18 465	654
J Irvin Zook	H	40 0	88 0	18 156	652
John M Byler Jr	H	44 3	87 2	17 497	650

Owner Name or No	Brd	Age	Days In Milk	Lbs Milk	% Fat	Lbs Fat
J Elrose Glick						
Rosey			H 4 06	18 583	776
Paul J Zook						
Mandy			H 3 03	22 030	805
Yoderstead Farm						
Carman			H 7 10	16 655	798
Missie			H 4 02	17 425	792
Trudy			H 3 02	15 867	804
Percy S & R Glenn Yoder						
Gloria			H 9 08	18 675	759
Doris			H 7 09	24 493	847
Eva			H 6 09	23,859	896
Elaine			H 6 09	24 524	947
Belle			H 3 01	19 876	789
Kore J Peachey						
Annie			H 8 03	23 530	922
Hope			H 5 05	19 165	783
James O Reed						
Sar			H 6 01	23 506	893
Jesse S Yoder						
Jayne			H 5 04	18 873	750
Bradstead Farm						
Etta			H 5 02	23 620	797
Trixy			H 3 06	23 397	771
RW & Wm R Ammon						
Lazy			H [illegible]	24 989	[illegible]
Julia A King						
Phoebe			H 3 04	16 721	768
John A Peachey						
Kathy			H 5 11	22 282	894
Joshua D Yoder						
Bonnie			H 5 05	23 383	841
Gina			H 5 03	20 333	862
Bunny			H 4 05	22 116	762
Beth			H 4 00	23 952	842
L J Dunmire Sons						
#530			H 3 03	19 903	800
#535			H 3 05	25 428	810
John K Kauffman						
#10			H 4 04	23 990	765
#27			H 4 01	23 856	806
Galen M Kenepp						
Scarlet			H 7 04	21 186	759
Kore E Yoder						
Peanut			H 5 05	23 418	854
Jewel			H 3 05	23 703	789
Frank J Hartzler						
Linsy45			H 6 10	20 627	862
Simon & Allen Peachey						
#55			H 3 08	22 249	779
Louis S Peachey Jr						
#21			H 5 02	22 172	787
Ezra B Kanagy						
Sara			H 7 00	21 474	874
John A Yoder						
Winny			H 5 11	25 140	836
Robert Stayrock						
#18			H 5 06	19 598	798
Ellinger Brothers						
#39			H 4 04	21 678	793
J Irvin Zook						
#25			H 8 08	26 813	893
#13			H 6 09	26 372	983
#3			H 6 04	19 807	921
Paul H Yoder						
Arlene			H 2 11	20 670	770
Marvin R Kanagy						
Bell			H 3 11	25 335	830
Betsy			H 6 08	22 112	882
G Sheldon Peachey						
Nancy			H 5 05	21 046	907
David T Hostetler						
#95			H 3 07	21 130	956
Raymond S Hostetler						
#79			H 3 04	21 636	760
#76			H 4 02	21 688	778
David Peachey						
Tippy			H 7 08	21 418	775
Vaunholm Farm						
#179			H 5 01	20 416	904
#13			H 6 00	18 987	771
#162			H 4 00	20 363	788
Jesse L Spicher						
Sadie			H 5-01	19 437	794
Lawrence M Martin						
#28			M 0 00	19 421	751
Bill & Karol Wingert						
Crystal			H 6 07	23 161	828
Lee Joanne Yoder						
Leona			H 7 06	20 382	882
Maude			H 7 05	19 128	838
Elmer S Peachey						
Jane			H 6 01	20 649	780
Herbert H Keiser Jr						
Donna			H 5 01	22 909	759
Marvin E Peachey						
Sparkle			H 5 05	23 539	876
Fran			H 5 01	20 777	819

CENTRE COUNTY DHIA
October, 1985

Graham Bros Farm	106	85 6	22,565	813
Valley Wide Farm	81	87 3	21 283	808
Richard Trinca	53	86 7	21 125	786
Jay Houser	70	88 1	20 320	765
Fairbrook Farms	94	87 7	19 892	743
Joseph Hartle Jr	69	87 4	19,607	723
Evan & Ricky Homan	59	85 7	19 591	721
Stringers Sand Ridge	66	87 0	18 594	720
Paul Hartle	40	87 8	20 300	718
Penn State University	125	86 2	19 683	712
Franlo Aiken Farms	35	88 6	20 290	708
Bruce Ulmer	62	89 3	20 267	707
L Thomas Musser	44	86 2	18 716	702
Penn State University	11	87 5	14 527	699
John Ishler	71	86 3	19 245	694
Rodney Reese	107	87 4	18 466	694
Carl Gates	49	88 3	18 775	688
James Rider	90	87 2	18 412	677
Fred Benner	119	88 1	17 867	674
Lynn & Margaret Neer	79	87 0	18 627	671
Reesebrook Farms	109	86 9	18 090	669
Mingo Meadow Farms	68	84 3	18 763	667
Barry Kerstetter	71	88 6	18 968	660
Donald Bierly	68	88 3	17 790	658
Jesse & Mary Burkholder	39	87 9	18 717	654
Steve Lansberry	39	88 0	18 656	652
George & Ron Zimmerman	32	91 3	17 644	652
Paul Douglas Vonada	58	87 3	17 027	652
Fred Burris	28	84 1	16 812	651

The ten high individual cow actual production records in D H I A produced on a two times a day milking in 305 days or less (unless otherwise indicated) were in the following herds

Graham Bros Farm	27 041	3 9	1068
Valley Wide Farm	25 130	3 9	971
Penn State University Herd 185	28 416	3 4	958
Graham Bros Farm	27 447	3 5	953
Mingo Meadow Farms	24 627	3 9	952
Mingo Meadow Farms	26 734	3 6	950
John Ishler	20 505	4 6	947
Graham Bros Farm	25 013	3 7	930
Paul Douglas Vonada	26 719	3 4	908
Graham Bros Farm	19 292	4 7	900

NOTE ALL ANIMALS AND HERDS ARE HOLSTEIN UNLESS OTHERWISE NOTED

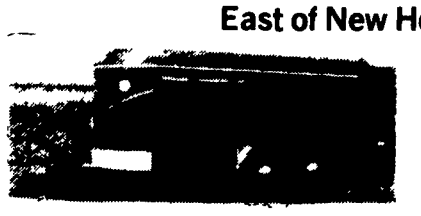
The high goat herd for the month was

Sinking Springs Farm	9 2	3 9

FISHER AND STOLTZFUS TRAILER SALES

717-768-3532 717-768-3832

East of New Holland, Pa.



6x16 Utility Trailer

7x18 Gooseneck Stock Trailer

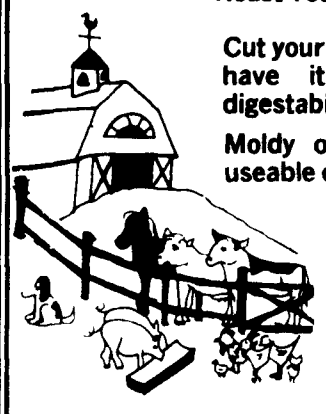
(1) Dion Forage Wagon

Flatbed and Utility Trailers Available

SOYBEAN ROASTING ON YOUR FARM

DON'T WASTE IT - ROAST IT

Roast Your Barley, Wheat & Oats



Cut your barley earlier with higher moisture and have it roasted for drying and better digestability and sow your soybeans earlier.

Moldy or musty grain, have it restored to useable condition by roasting.

CUSTOM GRAIN ROASTING DONE IN PA AND SURROUNDING STATES OR OWN YOUR OWN ROAST-A-MATIC GRAIN ROASTER

DALE L. SCHNUPP

RD 6, Lebanon, Pa. 17042

PH: 717-865-6611

PENN OHIO GRAIN ROASTING

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412-336-5443

DAVID N. GROFF
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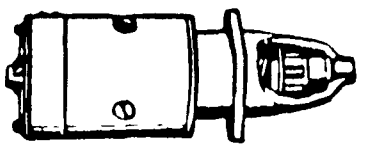
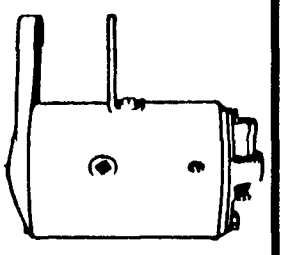
Lewisburg, Pa 17837
717-966 3593

CHEAP

SUPER RE-MANUFACTURED
STARTER & GENERATOR STOCK REDUCTION SALE!



YOUR CHOICE $40



Plus Shipping Charges - No Exchange Needed

GENERATORS

1 #90122 Fits Oliver 770, 880, Dsl., 16, 18, & 1900 Gas & Dsl., 12 Volt, 960 Thru 64. Reg. 79.99
1 #90123 JD 1010, 2010, Gas & Dsl. 12 Volt 1960 Thru 65 Reg. 79.99
2 #90017 Massey Harris 44 & 55 Gas, 6 Volt 1946 Thru 51 Reg. 79.99
1 #90018 MM GTA, GTB, RT, UTS, UTU, Z, A, 6 Volt 1944 Thru 52, Reg. 79.99
1 #90085 MM GTB, GTC, GTD, UB, UT & B Series. 6 Volt 1953 thru 56 Reg. 79.99
1 #90014 AC D10, 12, 14, 15, 17, & 19 12 Volt 1959 thru 65 Reg. 74.99
1 #90046 Ford 8N With Pulley 6 Volt 1948 Thru 50 Reg. 89.99

STARTERS

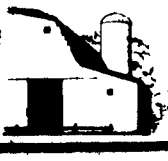
1 #90113 Ford 2,000 & 4,000 Dsl. 12 Volt 1958 thru 64 Reg. 74.99
1 #90172 Oliver 55, 6 Volt, 1954 thru 56 Reg. 79.99
1 #91404 MF 35 150, 165, 175, 180, 202 & 204 Gas. 12 Volt 1964 thru 73. Reg. 79.99
1 #91421 JD 2020 & 2510 Gas 12 Volt 1963 thru 69 Reg. 114 99
1 #91396 MF 85, 90 Gas 12 Volt 1958 thru 64 Reg. 89.99
1 #91392 JD 420 & 430 6 Volt 1957 thru 61 Reg 79 99
1 #90066 JD A 6 Volt 1944 thru 47 Reg 174 99
1 #90067 JD B 6 Volt 1944 thru 47 Reg 79 99

All Starters and Generators 90 Day Warranty

No Return Postage Guaranteed — Sale Ends December 21, 1985

FARM & FAMILY CENTER

HOURS Mon thru Fri 8 a.m. - 7 p.m Sat. 8 a.m. - 4 p.m



WEAVER'S HARDWARE CO

R D 4125 FLEETWOOD, PA 19522 (on main road from Fleetwood to Topton)

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SERVING FARM HOME AND INDUSTRY

Do it

The Friendly Ones

Franklin Co. DHIA

October, 1985
Rolling Herd Averages
Above 675 Lbs. Butterfat

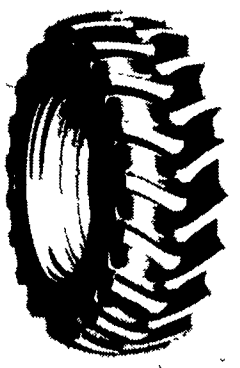
RV & SV Hollenshead	B3	32	23,789	781
Oakleigh Farm	3	108	19,389	731
John A Witmer	B3	34	19,930	724
Jaye & JC Young Jr	3	59	19,413	721
Alvin Meyers	3	53	18,902	721
Preston M Frey	B3	33	19,086	711
H Lester Oyler Est	3	79	19,304	710
Lawrence Lehman	G3	72	17,970	708
Raising Kane Farm	3	42	17,681	698
Edwin R Eby	3	56	18,140	696
Richard Harshman & Son	3	74	18,731	689
RV & SV Hollenshead #2	B3	68	20,617	688
Howard & Steve Mellott	B3	99	18,731	684
Dennis W Bricker	B3	36	18,976	684
Walter N Ocker	B3	40	19,086	681
Harold Goshorn	B3	77	18,093	679
Carl O Stuff	3	50	19,158	679
Robert E Harwood	3	93	18,857	678
James & Nina Burdette	3	62	18,148	678
Ray M Garber	2	55	14,245	676
Kenneth L Caufman	B3	38	17,377	675

Listed below are completed lactations of 875 lbs. of Butterfat or over

Jaye & JC Young Jr Lilac	RH	5-9	305	27,237	4 3	1179
Raising Kane Farm Bonnie	RH	6-1	305	25,039	4 5	1126
Harold Goshorn 140	GH	5 0	305	22,379	4 7	1052
Virgil-Daryl Crider 3	RH	4 2	305	21,647	4 5	973
Robert H Eckstine Daisy	RH	6 8	305	24,140	3 8	924
RV & SV Hollenshead Money	RH	4-3	305	26,592	3 5	921
Harold Goshorn 106	GH	6-4	305	28,538	3 1	894
Alvin Meyers Gingr-40	RH	4-9	305	23,076	3 8	882
George E Mason 104	GH	4 3	305	19,549	4 5	881
Elmer & Frank Ressler Kim	RH	8 11	305	21,762	4 0	879

YEAR END FARM TIRE SALE

Firestone farmers market



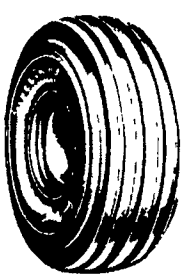
FIRESTONE RADIAL 23°™

- Deep bitting 23° bar angle tread
- Wide tread and large footprint combine to help minimize slippage on loose soil and sod
- Durable radial construction with stabilizer belt plies

18.4R34, 6 ply	$399
16.9R38, 6 ply	$419
18.4R38, 10 ply	$529
20.8R38, 8 ply	$649
20.8R38, 10 ply	$699
18.4R42, 10 ply	$549
20.8R42, 10 ply	$699

REAR - SUPER DEC. SPECIAL

20.8x38, 8 Ply	$425.00
18.4x34, 6 Ply, Traction	$299.00
13.6x38, 6 Ply, Traction	$198.00
15.5x38, 6 Ply, Traction	$225.00
16.9x38, 6 Ply, Traction	$280.00
18.4x38, 8 Ply, Traction	$365.00



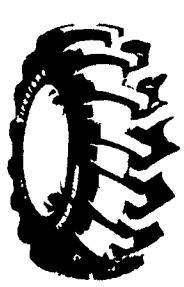
FIRESTONE 5-RIB WAGON & TRAILER TIRE

- Shock Fortified™ Nylon Cord Body
- Super R Tuf Rubber Com pounds Resist Damaging Effects of Acid

9 5L-14, 8 ply	$44
9 5L-15, 8 ply	$39
11L-15, 6 ply	$42
11L-15, 8 ply	$43
12 5L-15, 8 ply	$60
12 5L-15, 10 ply	$75
16 5L-16 1, 10 ply	$160

FIRESTONE POWER IMPLEMENT TIRE

125Lx15, 6 ply	$105
125Lx15, 8 ply	$115
125Lx15, 12 ply	$130
1350x161, 6 ply	$150
165Lx161 6 Ply	$210



FORESTRY SPECIAL WIDE TREAD PLY TIRE

✓ Check These Prices

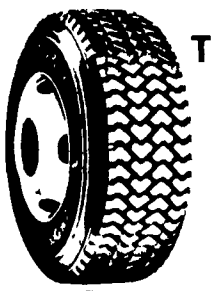
18 4x26, 10 ply	$499
23 1x26, 10 ply	$899
28L26, 10 ply	$1049
24 5x32, 12 ply	$1230
30 5L32, 12 ply	$1499
30 5L32, 16 ply	$1749
18 4x34 10 ply	$699

FIRESTONE AR-1 & ALL TRACTION FIELD & ROAD TIRE

5x12, 4 ply	$42
6x14, 4 ply	$65
600x16, 4 ply	$80
8x18, 4 ply	$100
6x12, 4 ply	$44
6x14, 4 ply	$65
7x16, 4 ply	$80
8x16, 4 ply	$85

FIRESTONE TRACTOR RADIALS...

FREE MOUNTING DURING DECEMBER ON YOUR FARM!
In Eastern Penna., Northern Maryland or New Jersey



T 506® TRACTION DRIVE TRANSTEEL RADIAL

A drive-wheel highway truck tire made with on/off-highway rubber compound, for loggers, drillers, etc.

11R 22.5	$276.50
11R 24.5	$296.50
1000 R20	$247.00
1000 R22	$272.00
1000 R22	$286.00

• Plus All Taxes

T520® RADIAL

All-position, radial ply highway truck tire for single and dual application.

11R 22.5	$244
11R 24.5	$260
1000 R22	$228
1000 R22	$248

• Plus All Taxes

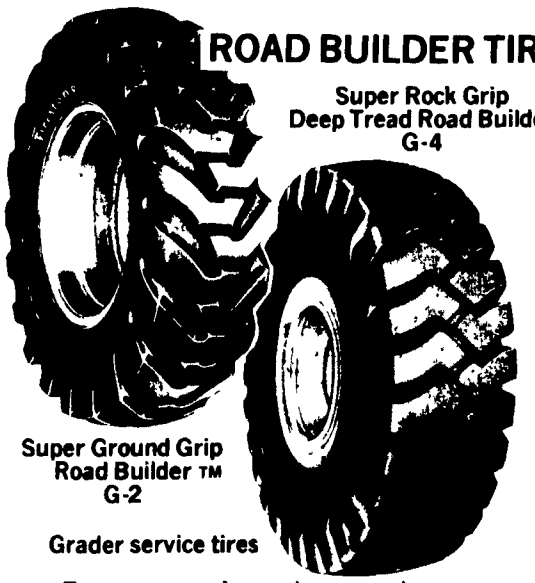
TRANSPORT 1®

All-wheel position tire for trucks and trailers in highway operations.

9-22 5, 10 ply	$122.50
10-22 5, 10 ply	$145.00
10-22 5, 12 ply	$155.00
11-22 5, 12 ply	$189.00
11-22 5, 14 ply	$219.00
12-22 5, 12 ply	$196.00
11-24 5, 12 ply	$190.00
7 50-20, 8 ply	$80.00
7 50-20, 10 ply	$99.00
8 25-20, 10 ply	$114.00
8 25-20, 12 ply	$130.00
9.00-20, 10 ply	$132.00
9 00-20, 12 ply	$149.00
10 00-20, 12 ply	$168.00
10 00-20, 14 ply	$189.00
11-20, 12 ply	$186.00
11-20, 14 ply	$208.00
10-22, 12 ply	$171.00
11-22, 12 ply	$193.00
11-22, 14 ply	$206.50

• Plus All Taxes

ROAD BUILDER TIRES



Super Rock Grip Deep Tread Road Builder G-4

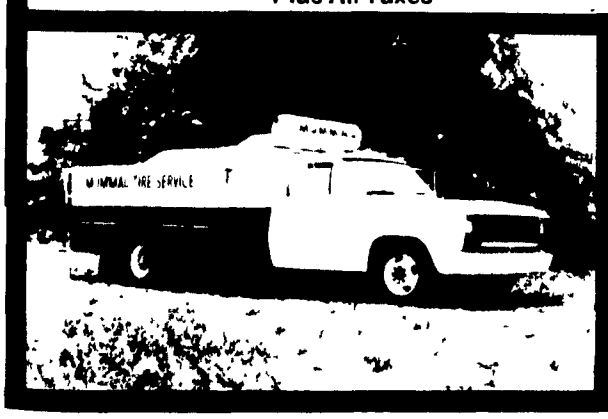
Super Ground Grip Road Builder ™ G-2

Grader service tires

- For use on grader equipment using grader-type rims.
- Super Ground Grip tires are for use in road building and road maintenance operations where maximum traction is required.
- Super Rock Grip Deep Tread tires are for severe rock service operations that demand tires with maximum cut resistance.

Ground Grip®

1300-24, 10 ply	$252.50
1300-24, 12 ply	$272.50
1400-24, 10 ply	$282.50
1400-24, 12 ply	$307.50
15 5x25, 12 ply	$342.50
17 5x25, 12 ply	$412.50
17 5x25, 14 ply	$430.00



Route 230 West

MUMMAU FIRESTONE

Mt. Joy, PA

Serving Farmers In Penna. New Jersey
Northern Maryland and Delaware

Out Of State 717-653-1260 In Penna. 1-800-222-1729

Bradford County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

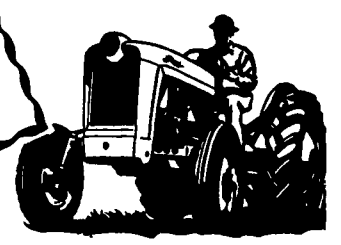
BRADFORD COUNTY DHIA
October, 1985

This reports all DHIA cows that have produced 700 lbs of butterfat or more in 305 days, PLUS 2 year old records of 600 lbs or more

Y Run Dairy Farms					
Missie	3	4	305	24,472	974
Jo	3	2	305	19,412	808
Bruce-Leslie Bresee					
Fondant	3	7	305	20,837	786
Floreen	3	3	305	22,916	813
Dale Mattocks					
Nikki	3	5	305	21,812	794
Russell L Jones					
Lucia	3	4	305	24,093	975
Leon 171	3	4	305	21,730	778
Thomas McCarty					
405	3	6	305	22,130	810
Kendale Farm Inc					
46	3	5	305	24,014	772
Shumhurst Farm					
Stellar	3	3	305	20,338	857
Vernon & Robert Allis					
Vicki 09	3	4	305	21,809	802
Richard Sturdevant					
Kay	3	7	280	19 600	763
Robin	3	7	305	21,160	807
Merle Bacon					
Light 18	3	6	305	21,695	855
Brooks 9	3	4	305	20,026	829
Robert S Thomson					
64	3	6	305	21,503	916
90	3	5	292	20,185	791
William Brown					
Ivy	3	5	305	26,440	920
Nina	3	3	277	18,260	751
Stan & Steve Saxton					
Dandy	3	4	305	23,031	792
Payrais	3	3	301	23 575	826
Ben & Dean Jackson					
Olline	3	3	305	24,350	765
Ford Ridge Farm					
Korn	3	4	305	18,282	829
Keith & Karen Crain					
Pam 70	3	10	305	19,011	847
Marlene	3	4	305	22,509	944
Daisy	3	4	305	18 477	778
Bernice	3	2	305	18,374	784
Brennan Farm					
Hoky	3	7	305	21,891	974
Roda	3	6	305	21,620	827
Sis	3	4	305	22,617	976
Peaches	3	4	305	20,537	765
Babe	3	3	305	17,185	815
Richard H Packard					
Braise	3	7	305	22,186	806
Bev	3	3	305	21,080	792
East Knoll Farm					
Bonnie	3	4	305	21,160	754
Lois	3	4	305	21,840	806
Susie	3	4	305	20,202	773
Robert Taylor					
Candy	3	10	305	21,025	838
Alti	3	8	305	22,732	946
Honey	3	7	305	23,461	910
Darlene	3	5	295	21,691	883
Alice	3	4	305	19,422	834
Dee 36	3	2	305	20,533	821
Duane Lewis					
31	3	5	305	20,772	767
Pinetop Farm					
Carmel	3	5	305	23,364	917
Sheldon L Millard					
31	3	6	295	21,643	760
Myron Bristol					
Lynn	3	5	294	22,160	785
Peggy	3	7	303	23,264	795
William Eick					
Delight	4	3	303	14,724	753
Clay-Art Harkness					
Nicky	3	8	305	22,067	830
Rosie	3	5	305	20,590	825
Bob & Tom Murray					
64	3	5	286	21,146	785
126	3	4	305	22,111	750
Tom & Diane Elliott					
Spike	3	5	282	18,524	807
Patches	3	4	305	24,102	879
Alfred Sparling					
Ginger	3	7	305	22,708	923
Joanie	3	6	305	20,512	785
Barbie	3	6	305	24,416	869
Liz	3	4	302	22,836	943
Abby	3	4	305	21,406	800
Brenda	3	5	305	21,398	1052
Lydia	3	3	305	24,409	875
Holly	3	3	305	23,632	964
Kit	3	3	305	20,624	783
*Lois	3	2	305	17,478	806
Tracey	3	3	294	18,713	775
Rosa	3	1	305	19,891	789
Bradley Haflett					
Colle 36	3	6	305	20,739	809
Arlen 46	3	4	305	22,758	784
Braund Valley Farms					
Tabitha	3	6	305	19,994	762
Queen	3	6	300	23,827	984
Puff	3	4	305	21,619	876
Jean	3	3	305	20,111	750
Ter Mar Farm					
Carol	3	5	305	18,712	769
Ruby	3	4	305	22 743	880
Carolyn	3	1	305	18,865	753
Wilford Heater					
Lucy	3	3	305	19 962	804
Snowcrest Farm					
Jeanie	3	11	305	21,453	880
Tessie	3	6	287	21,902	839
Jayne	3	4	305	18,990	947
Lily	3	4	305	26 437	932
Judy	3	3	270	18,943	852
Leslie Freeman					
91-4242	3	3	305	23,057	842
Peck Hill Farms					
5	3	4	305	19,088	805
Calkins Farm					
Pricila	3	4	303	20,711	913
Gary & Donna Ayres					
51A	3	7	305	25,939	901
88	3	6	305	21,181	926
Abraham S Derstine					
Daisy 6	3	3	305	22,708	814
4	3	5	305	26,327	818
45	3	4	305	19,287	757
Scott-Bryan Shedden					
31	3	8	305	22,975	817
Helos67	3	5	305	22,356	901
David Page					
Kelly	3	6	305	21,379	851
Kim	3	4	305	19,571	825
Flo	3	3	305	18,308	754
Marshall M Watkins					
Lucy	3	4	305	23,311	946
Betsy	3	3	305	22,920	772
Scott & Lynn Cook					
Francie	3	5	305	17 413	790
Flossie	3	5	305	23,296	810
Rich & Gretchen Storck					
9	3	4	305	20,557	913
7	3	3	290	19,528	765
Providence Acres					
525	3	7	305	22,748	863
529	3	7	305	21,083	785
Pat & Pam Salerno					
Judy	3	3	305	22,142	752
Bruce & Lynn Tinsley					
Elmo	3	4	305	24,841	850
C&H Dairy Farms					
Cocoa	3	5	305	23,713	753
Latini Brothers R&W					
167Pax	9	6	305	16,773	765
Matt Will B&W					
Sonya	3	3	302	21,589	757
Pearl	3	2	300	22,496	829
Matt Will R&W					
Marci	9	5	293	26,292	916
Kenneth Howard					
Donna	3	3	305	20,605	887
Opie	3	5	305	21,621	850
Leona Holsteins					
Heloise	3	6	305	26,785	972
Sally	3	3	280	19,951	760
Jan-George Page Jr					
Annamae	3	4	305	22,282	875
Mami29s	3	4	305	21,318	794
Leonard Jones Jr					
2	3	7	305	23 949	803
Champdale Farm					
Horny	3	0	303	17 452	821
OR 65	3	4	305	21,991	769
Y 75	3	0	305	21 162	761
Stephen & Marcia Gary					
Peg	3	4	297	18 282	822
Pet Roypa Farm					
Glory	3	2	305	21 004	750

Get "Like New" Performance

10% OFF All Parts Used In A Major Overhaul



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It eliminates water even better than water separators. It also keeps injectors clean, improves engine efficiency, and contains no harmful alcohol.
Use it in every tankful all year 'round.
IT COSTS SO LITTLE TO PROTECT SO MUCH
Use POLAR POWER from Dec thru Feb to prevent waxing and gelling. It also dispenses water. GAS TREATMENT treats leaded & unleaded gasoline Totally disperses water and increases mileage.

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DIESEL TUNE-UP AVAILABLE
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In 1985

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★ 43 HP To 140 HP ★ Live PTO
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Model 8145 0. With 4 cyl 278 cu in diesel engine 72 PTO HP, independent 540/1000 PTO hydraulically engaged 16 speeds forward and 8 reverse with torque multiplier differential lock, Cat II 3 pt hitch with 7340 lbs lifting capacity live hydraulic with draft and position control power steering swinging drawbar tires 12 4x24 and 16 9x38

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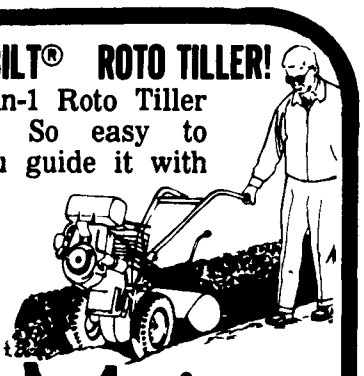

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Located on Route 322
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Hershey, PA 17033
Phone (717) 533-4060

TIOGA COUNTY DHIA
October, 1985
TOP OF THE MONTH

Herds in the Tioga County DHIA in October 1985 which produced a rolling herd average of 550 lbs or more

Glenn Bowen	3	39 0	88 2	20 164	806
P&E Machmer	B3	21 6	88 2	19,158	754
Stephen E Bolt	B3	72 6	86 0	20,635	746
Charles D Groover	3	15 9	88 6	18,987	732
L&J Holsteins	3	39 5	89 1	19,085	732
Douglas W Lawton	3	62 6	89 1	19,102	723
Middle Ridge Farm	B3	104 6	89 3	17,433	722
Gerald Parker	3	72 5	89 0	19,215	720
Theodore Schmelzle	3	48 7	88 3	18,915	715
Mic Realty	3	65 8	83 8	17,167	712
Bernard G Courtney	3	142 1	89 1	18,962	705
Randy Parthemer	G3	36 6	87 9	19,101	700
Charles&Doris Porter	3	40 8	87 7	18,795	685
Galen & Dale Jackson	B3	39 1	83 4	18,288	675
Chris Gaugler	3	42 6	90 0	17,326	674
Leemon E Gaugler	3	43 2	85 0	17,360	673
Larry & Mary Herman	3	48 4	86 7	17,860	672
Richard Groover	3	40 3	85 2	18,292	664
Robert L Miller	B3	79 9	86 9	17,503	659
Simalot Holsteins	3	46 6	88 6	16,784	654
Verne W Bowen	3	37 4	87 9	17,290	654
Harold Robson Jr	3	54 2	88 0	17,746	653
Bruce T Metzger	G3	25 5	84 2	18,368	653
David Cleveland	B3	45 0	83 4	18,351	651

THE HIGH PRODUCERS

Cows that produced 750 lbs of butterfat or more in 305 days in October 1985 in the Tioga County DHIA

MIC Realty					
Vanessa	10 11	305	25,500	4 3	1086
Dawn	5 4	305	23 398	3 4	792
Matt	3 6	305	16 342	4 7	772
Dean Baity					
Bonnet	4 10	305	22 285	4 3	958
Keith & Walter Owlett					
Baba	4 11	305	19,821	4 8	942
L & J Holsteins					
Sparkle	12 0	305	24 705	3 7	926
Cindylu	4 2	305	25,991	3 0	767
Gordon M Wood					
95Pwee	3 4	305	24 589	3 7	903
Glenn Bowen					
Inka	7 7	305	27 557	3 3	899
Dolly	5 4	305	24 076	3 7	896
Marie	3 0	305	16,894	4 9	836
Paul & Emma Machmer					
#1	3 0	305	19 553	4 6	899
Theodore Schmelzle					
Beauty	3 7	304	21,114	4 1	875
Babbs	4 2	305	22,913	3 4	780
Wilma	2 11	305	22,520	3 4	766
Larry & Mary Herman					
Emmie	6 0	305	21 597	4 0	856
John Wheeler Jr					
Jody	5 10	305	24 825	3 4	850
Timmerill Farms					
Iloe	7 1	305	26 183	3 2	842
James Bradshaw					
#152	4 9	305	22 539	3 7	838
Thomas Groover					
Dot	8 5	305	24,459	3 4	829
Ann	6 1	297	21 128	3 7	786
Sharlene Clark					
#98	3 10	287	19 536	4 2	826
Tim Webster					
Ann	5 10	305	21 109	3 9	822
Stephen E Bolt					
Dejah	5 2	303	21,547	3 8	819
Esther	4 7	290	19,826	4 0	787
Robert Shanley					
#148	5 11	305	20,612	3 9	814
Galen & Dale Jackson					
Misty	11 10	305	23,274	3 4	798
Ella	10 2	305	19,166	4 1	778
Charles & Doris Porter					
Tony 25	3 2	305	21 544	3 7	798
Bill Cleveland					
Icicle	5 11	305	17,179	4 6	798
Erwin & Dianne Spencer					
Vation	8 7	305	19,937	4 0	797
John Painter II					
#73	3 1	305	18,431	4 2	769
W146	4 0	305	17 298	4 4	755
Windswept Dairy					
#34	4 11	305	20 775	3 7	760
CD & WM Lichty					
Bea	6 7	305	18 561	4 1	755
War Bean Farm					
Jetstre	5 5	305	21 237	3 6	754
William Chamberlain					
#247	5 10	293	19 399	3 9	752

Lycoming Co. DHIA

LYCOMING COUNTY DHIA
October, 1985

Franklin J Finck	RH	90 8	89 0	18 867	740
Vollman Dairy Fm	R&GRH	44 0	86 3	18 325	723
Eugene W Hall	RH	72 5	88 6	18 017	722
Lawrence Moon	R&GRH	48 2	87 1	19 541	714
Marvin L Waltz	R&GRH	60 8	88 0	18 602	713
Don & Scott Lepley	R&GRH	36 7	87 6	19 640	711
John Snyder	RH	43 5	87 2	18 202	705
Schon Crest Farms	R&GRH	43 8	87 8	19 770	701
Marshall Bros Inc	RH	123 4	85 2	16 599	698
Linden Hills Farm	RH	32 0	87 5	18 694	698
Willard M Brelsford	R&GRH	41 3	87 5	17 255	688
E Yvonne Metzger	GRH	39 8	86 1	18 241	683
Mont Will Farms	R&GRH	43 0	89 2	17 815	675
Benjamin E McCarty	R&GRH	37 6	86 2	18 227	674
Lester M Poust	RH	59 4	86 2	17 448	665
Milton S Fuoss Jr	RH	36 8	91 5	17 329	664
Samuel & Larry Fry	RH	116 6	87 2	17 881	656
Steppe Brothers	RH	85 3	87 1	16 715	656
Fred W Lovell	R&GRH	39 5	87 3	18 287	654

Samuel & Larry Fry				
Vicky	3 2	21 590	802	305
Greta	2 11	21 517	766	305
Stephen R Waltz				
46	10 2	21 975	756	305
9	6 2	19 902	841	305
Robert Voneida				
Betsy	9 3	20,034	906	305
Anna	6 9	20 913	935	305
Lester M Poust				
Jewel	4 0	20 430	793	305
Willard M Brelsford				
Pest	4 10	24 073	883	305
Mont Will Farms				
Eunice	3 2	19 160	684	296
Dorrie	3 4	22 948	896	305
Lawrence Moon				
Lilac	4 4	22 417	855	305
Becky	4 9	20 594	846	305
Eugene W Hall				
Nella	3 11	21 872	875	305
Burton Y Staman				
4	8 3	21 758	792	305
Merrill Holdren				
131	4 1	17 669	769	303
Schon Crest Farms				
Flo	5 0	23 407	871	305
Jenifer	4 3	20 237	751	305
Fred W Lovell				
Nancy	9 11	21 518	789	305
Norine	4 11	22 636	829	305
Eward C Ulrich				
51Wish	5 11	21 135	752	305
Linden Hills Farm				
Carol	3 5	19 801	758	305
Vollman Dairy Farm				
265	5 10	23 691	958	305
221	3 11	20 264	793	282
C Thomas Faulkner				
11	4 0	18 152	787	305
Marvin L Waltz				
Robbie	4 10	19 403	830	305
Kate	4 2	26 405	980	305

JUNIATA COUNTY DHIA
October, 1985

Mark L Zook	52H	90 8	19,193	720
Donald Adams	51H	86 9	19,308	711
Rick & Ralph Saner	49H	87 3	19,983	710
Steve & Barbara Wilson	37H	85 4	18,934	702
SF Metz	88H	86 8	19,112	699
Charles Wochley	62H	87 3	18,006	694
Marvin E Pontius	30H	84 7	18,408	685
RE Shearer & Sons	60H	87 5	18,713	666
Barry E Lucas	46H	85 0	17,657	664
Melvin M Martin	67H	84 3	18 158	663

SF Metz			
Vickie	23,219	996	
Sugar	22,422	928	
Twinkle	20 140	865	
Charles Wochley			
38	20 988	944	
Barry E Lucas			
67	21 820	929	
Donald Adams			
Anita	20 033	875	
Grand Hope Farm			
Shasta	20 181	874	

LUZERNE COUNTY DHIA
October, 1985

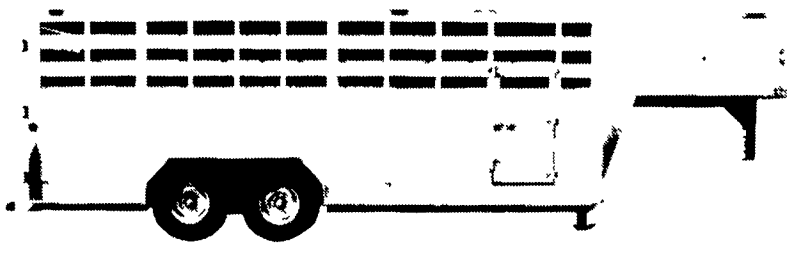
Robert Hough	RH	56 4	88 2	19,287	752
Paul Stoss, Jr	R&Gr H	21 1	84 0	18 549	717
Pecora Bros	R&Gr H	172 8	88 4	19 331	678
Carl E Troxell	R&Gr H	49 9	85 9	17 561	676
Larry Baron	R&Gr H	63 9	84 1	15 936	655

Fairhopity Farms						
192	RH	0 09	305	19 259	4 0	765
Pecora Bros						
99 1507	RH	8 04	305	25 227	3 4	868
83 1578	RH	6 03	305	21 760	3 4	744
1291658	RH	4 11	256	22 398	3 4	759
1421679	RH	4 04	305	22 690	3 7	833
1561694	RH	4 03	250	18 912	4 1	773
Carl E Troxell						
108	RH	3 04	305	22 355	3 6	815
Robert Hough						
Ann 44	RH	7 01	305	27,812	3 5	984
Delor 36	RH	6 07	285	19,783	4 2	830
Abbey 15	RH	4 03	305	27,326	3 6	977
Polly 68	RH	3 01	305	20 314	3 8	764

BARRETT TRAILERS, INC.

ALL ALUMINUM MINI "B" GOOSENECK TRAILER

BUILT WITH THE SAME PARTS AS THE BIG "CIRCLE B" TRAILERS.



In Stock - immediate delivery - 20' & 24' lengths

USED EQUIPMENT

1983 ARNDT 18'x6' BUMPER PULL STOCK TRAILER

1979 PHILLIPS 7½'x20' GOOSENECK STOCK TRAILER

1985 DURALITE 14' ALUMINUM VAN BODY WITH ROLL-UP DOOR.

TRANS EQUIPMENT, INC.
Rte 272, P O Box 415, Brownstown, PA 17508
717-859-2095

STEFFEN SYSTEMS, INC.
HAY HANDLING EQUIPMENT

Hay Loaders
Accumulators
Allen Rakes &
Tedders

David O. Fink
RD 1 Box 429-F
Germansville, PA 18053

Coming...
CUSTOMER APPRECIATION DAYS
at
KEY-AID DISTRIBUTORS
225 Wood Corner Rd.
Lititz, Pa. 17543
Watch Next Week's Issue For Details

1 FARM EQUIPMENT

Backhoe Ford 555, 1979, cab, good shape. 609-397-2786

Case 310 crawler transmission & differential case. $495. or Offer. 301-745-9408 after 7 p.m.

Combines & corn & grain headers at wholesale prices. Call Larry Stalter, "The Combine Man." 219-862-2151.

Farmall 400, PS, fast hitch, wide front, live PTO, remote hyd., T.A., in good running condition 717-687-0102.

Farmers & Dealers -- Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164.

FOR SALE-AS 600 Super B grain dryer - 3 phase; Ideal Metal bin, approx. 250 bushel capacity. 717-286-6411 or 717-286-0215.

For Sale: Bale Thrower Wagons, Steel or Wood. Will fit sides onto your flatbed. Also, Available: Flatbed Wagons.
STOLTZFUS WOODWORK
Rt. 2, Gap, PA 17527
(717)442-8972

For Sale: IH 1066 Diesel, cab, dual hyd., power take-off, full weights, excellent condition. 12 Tooth chisel plow. Call before 8 a.m. or after 4 p.m., 717-366-0222.

IH 584 diesel, in new condition. Also JD 2030 diesel, in good condition. 717-733-4583

JD 1250 plateless planter, dry fertilizer, insecticide, disk openers, $1,000. Also 600' 4" McDowell irrigation pipe 215-267-6692

JD 2030 diesel, high and low, heavy duty front end. Real clean 814-793-4293.

JD 4020 power shift, dual hydraulics 814-793-4293.

JD 4230 fender tractor, dual hydraulics, excellent condition. 814-793-4293

JD 4320 cab & air, dual hydraulics, 38" rubber, like new. 814-793-4293.

JD 4430, cab & air, 77 model, power shift, 814-793-4293.

JD 450 Crawler Loader, 814-793-4293.

JD 4520 w/factory cab, dual hydraulics, excellent. 814-793-4293

JD 5020, 72 model with new engine and duals. 814-793-4293

JD 6030 cab & air, 38" rubber, dual hydraulics 814-793-4293.

JD 730 diesel, WF and 4 bottom plow. Cambria Co 814-749-9047

MF 175 diesel, excellent condition. 814-793-4293.

MF 300 combine, cab, hume reel, auto. head control, good condition Best reasonable offer 717-464-2894

For Sale: IH 4 bottom semi mounted ASR 16" plow. 717-738-2258

For Sale: Kubota B6200, 4 WD, hydro. drive w/snow blower & more, excellent condition. Make Offer. Franklin County. 717-532-9234

For Sale: NH 1037 Stackliner automatic bale wagon and 1052 stack retriever. 609-859-8549 after 5.

For Sale: NH 352 grinder mixer, excellent condition. 301-692-2826

For Sale. Semi Liquid Manure Spreader w/Pequea widespread, in good condition. Omar S. Fisher, 434 Newport Rd., Ronks, Pa. 17572.

For Sale: 1980 JD 7720, 1,100 hrs., excellent condition, loaded. $44,000. or Offer; 643 corn head and 215 flex head also available. 301-831-5217

For Sale: 1984 Honda ATC Big Red, new condition. 717-426-3135.

For Sale: 1983 JD model 8300 grain drill, good condition. Must sell. Call 717-273-5231 or 717-273-6748.

Gleaner L diesel, 15', 6-30", kept inside, nice shape. $8,900. Larry Stalter, "The Combine Man" 219-862-2151

IHC #550 manure spreader w/end gate, A-1 condition. Call Evenings. 201-782-4297 or 369-4784

IH TD6 Crawler w/hyd. and PTO, good condition and good u/c. $3,000 717-733-1009

MF 400 crawler loader, $12,500. 717-838-1888 anytime.

M2 Gleaner, corn and soybean, hydro, in excellent condition, $19,800 Larry Stalter, "The Combine Man". 219-862-2151

Oliver 1655, original paint, 3 pt 814-793-4293.

Oliver 1855, wide front, 3 pt. hitch. 814-793-4293.

One 6600 JD Combine w/17' platform. One 1805 MF w/7000 gal. manure tanker. One Lilliston no-till drill 717-637-0192.

SNAP BEAN HARVESTERS-Chisholm-Ryder, 2 row IH 4-666s, 3-504s diesels & gas Complete w/dump carts Reasonable. Some parts for Chisholm-Ryder Harvesters. 609-769-3183.

TANKS-good used 500-800 gal. for fuel, culverts, etc 215-356-5305

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518 215-385-3884.

WAGONS: Side dump Farmhand 3 and 5 ton capacity. 609-769-3183.

White 2-150 cab and air 814-793-4293

(1) CE Allis Chalmers farm tractor complete w/pulley, cultivators and turning plows. $1,200 717-862-3658

(4) Caterpillar 920 articulated wheel loaders $13,500 and up 717-838-1888 anytime.

5' JD pull type rotary mower, $250., Belt pulley for Ford tractor w/large shaft, $135.; Iron Age PTO sprayer w/wooden tank, $135.; 5" Endless belt, $75. 717-534-1253

6600 Side Hill, hydrostatic, excellent condition, $25,000 Larry Stalter, "The Combine Man". 219-862-2151

1972 JD 4320, NF, 3200 original hours, dual hyd., in fair condition. $6,500. 717-532-8601.

1972 JD 4520, PS trans, 2500 original hours, in A-1 condition, $7,250 717-532-8601.

1976 JD 4430, cab, air, heat, 4WD, new tires, fair condition, $12,500 717-532-8601

1977 JD 4230, 4WD, cab, air, heat, 2 hyd., nice condition. $14,500 717-532-8601.

1979 JD 2440, new condition, 60HP, air w/new spray cab, $15,000 215-256-8650

1981 IH Conser-Till Chisel Plow, 10' pull type w/12' Midwest Buster Bar, excellent condition 301-838-5639, 301-836-9066.

1981 JD 2640 and one 46 loader, Hi-Lo, excellent condition. 1982 8200 Grain Drill, 18x7 double disc & press wheels. 814-848-9753

1982 JD 4040, cab, air, heat, 2 hyd., 1920 original hours., $13,500 cash deal. 717-532-8601.

1982 JD 4240, cab, air, heat, 4WD, in like new condition, $19,000 717-532-8601.

1982 JD 4240, 2WD, cab, air, heat, QR trans., 2 hyd., in showroom condition, $18,500 717-532-8601

1982 JD 4440, cab, air, QR trans., dual hyd., low hours, like new condition, $20,000. 717-532-8601.

1982 JD 4640, 4WD, cab, air, heat, loaded, like new condition, $24,500 717-532-8601

(2) 107 no-till Haybuster drills in tandem, excellent condition. 215-345-0736

3" Gorman-Rupp Centrifical Septic Pump. Powered by 4-cylinder Wisconsin engine, new condition, $1,500. 3" Diaphram Pump, $175. 4" Diaphram pump, $250. 717-757-1386, York Co

3300 gas, around 1300 hours, in excellent condition, farmer owned $5,750. 219-862-2151

550 manure spreader w/end gate, $595; 357 grinder mixer, excellent, $2,900; 38 IH axle duals, $300; Glencoe field cultivator, 18' folding, $750 215-267-6547.

75 Bu. NI ground driven, newly rebuilt manure spreader. Platform scales McDonald sucer rod deep well water pump, draws water 300'. JD 5-bottom 3-pt. auto. reset plows Ford pulley 20' box, 5½' sides, like new, steel bottom. Int. 2-pt. quick hitch 7' mower 76 Ventura Pontiac, auto, 4-dr, 260 c.i V-8 Olds engine, new tires, like new. Silver King tractor MH 3-bottom hyd. cyl plows 1105 Case Rd, Johnson City, N Y. 13790 607-729-3151

1 row corn husker, New Idea #7, $350. Bucks Co. 215-536-6094.

FOR SALE: JD 1520 diesel, 3 pt., power steering, independent PTO, good rubber, good condition, $3,975 215-445-6156.

FOR SALE: JD 40 combine, 10' head, hillside attach, square back; JD 50 tractor. J.R. TOBIAS, RD4, Box 156, Halifax, PA 1703. Phone 717-362-9126 between 8 & 9PM.

FOR SALE: NH stackliner 1034 and NH stackline 1010 automatic bale wagons, good working condition. 717-626-2866

FOR SALE. New 36" Roskamp ear corn roller-crusher w/silo blower discharge. Priced to sell One still in stock Call, 717-687-7574.

FOR SALE: 1986, 860 MF V8 hydro, corn grain soybean, $76,000. 1984, 860 MF V8 hydro corn grain soybean, 750 hrs., $47,000 Contact Norman Franz, 316-227-7679.

FOR SALE: 2R custom built corn planters w/JD max-emerge units. Pull type or 3 pt., no-till or conventional, with or without fertilizer attachment For brochure: Pequea Planter, RD2, Box 2276 Gap, PA 17527

FOR SALE 345 Mustang skid loader; 930 Case diesel tractor; AC 14' wing disc. 717-684-3579

Ford TW10, cab, air, radio, 4x4, low hrs., $17,900. 717-265-4440

"Lancaster Farming
P.O. Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164
Mon., Tues., Wed.,
8 a.m. to 5 p.m.
Thurs. & Fri.
7 a.m. to 5 p.m.

The following categories are available for your classified advertising in Section C. Deadline- Thursday morning at 9 of each week's publication

1 - Farm Equipment
2 - Farm Equipment Wanted
3 - Silos and Unloaders
4 - Building and Supplies
5 - Grain Equipment
6 - Dairy Equipment

The following categories are available for your classified advertising, in Section B. Deadline- Wednesday afternoon at 5 of each week's publication.

7 - Livestock Equipment
8 - Cattle
9 - Horses & Mules
10 - Sheep & Goats
11 - Swine
12 - Artificial Breeding
13 - Hog Equipment & Supplies
14 - Poultry & Supplies
15 - Feed & Seed
16 - Fertilizer
17 - Plants
18 - Fruits & Vegetables
19 - Nursery
20 - Lawn & Garden
21 - Services Offered
22 - Custom Work
23 - Help Wanted
24 - Situations Wanted
25 - Business Opportunities
26 - Household
27 - Pets
28 - Lost
29 - Found
30 - Computers
31 - Notice
32 - Miscellaneous
33 - Recreational Vehicles
34 - Autos
35 - Trucks and Trailers
36 - Real Estate

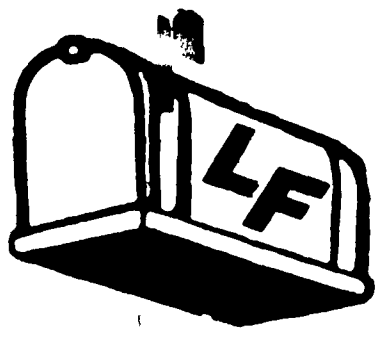
CLASSIFIED AD ORDER BLANK

PLEASE WRITE CLEARLY

MAIL TO:
LANCASTER FARMING
P.O. Box 366, Lititz, PA 17543

NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section D with Mailbox Markets.

DEADLINES:
SECTION B - WEDNESDAY AT 5:00 P.M.
SECTION C - THURSDAY AT 9:00 A.M. OF EACH WEEK'S PUBLICATION



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City _____ State _____

Zip _____ Phone (___) _____

Please publish my _____ word ad _____ times starting with the _____ issue. Classify under _____. I enclose _____.

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29¢ per word per week - 1 or 2 times
23¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.19	6.38	7.59
12	3.48	6.96	8.28
13	3.77	7.54	8.97
14	4.06	8.12	9.66
15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

1	2	3	4	5
6	7	8	9	10
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1 FARM EQUIPMENT

D6 Caterpillar w/blade, good condition 814-793-4293

FARMERS! Need Used Parts? Book list 350 plus parts yards Coast to coast. Cost $6. Postpaid We are also parting hundreds of tractors and combines. Austin Farm Salvage, Route 4, Dept. LF, Butler, Missouri 64730. 816-679-4080

Farm fan Model 350 batch grain dryer/augers. 609-259-3733.

FORD 671 gas, 10 spd. w/industrial front pump loader, $3,500 301-833-9091

FOR SALE. Caterpillar 212 grader, 1971 GMC dump truck, 478 V6 engine; Stearns auto block manufacturing machine. J.R. TOBIAS, RD4, Box 156, Halifax, PA 17032. Phone 717-362-9126 between 8 & 9PM.

FOR SALE: FMC flatbed tomato harvester. 717-653-5244.

FOR SALE: Farmall M w/PS, $1,200; 4 hay rack wagons; Int. 990 haybine; JD hay rake w/rubber teeth; Little Giant gravity box w/good JD gear, $875; low cattle trailer for 2 cows, $600; 16' grain trailer w/32" sides, like new, $1,200, two 4SP transmissions for Chevy truck in good condition, heavy duty wood trailer, $350 814-623-5437.

FOR SALE. JD 420 crawler loader. Lehigh Co. 215-298-2057.

AC D17, 50hp tractor, good condition. 9' Badger mower conditioner, good condition. 717-898-7620.

AC XT190 diesel, original paint, new rubber, excellent condition 814-793-4293

Anyone interested? Take over lease purchase contract for good 4020 JD tractor w/year round cab. 814-623-5437.

CRAWLER TRACTOR PARTS
Dismantling Crawler & Rubber Tire Construction Equipment Most makes & models available.
AC, Case, Cat, JD, IH, Michigan & others. Used & new parts available.
NEW ARRIVALS INCLUDE:
Detroit 2-71 engine, $1350.
AC HD-7G 7,000 Series engine, $2500.
IH 175B DT-361 engine, $2750.
Balanda Equipment Co
PO Box 337
Hatfield, PA 19440
215-855-9207
Day or Night

BACKHOE LOADER Ford 4500, 1300 original hrs. Must See $12,000 301-833-9091

BACKHOE LOADER IH 3400, very good condition, needs trans. work, $4,800. 301-833-9091

Combines, corn heads, grain heads-inventory moving fast. It's hard to keep up with advertising Wholesale prices only Call us. Larry Stalter, "The Combine Man" 219-862-2151

CRAWLER LOADER JD 350B w/forks, $6,800/Offer 301-833-9091

CRAWLER TRACTOR PARTS
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others.
Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders.
Call or write for equipment and parts brochure.
VILSMEIER EQUIPMENT, INC.
Route 309
Montgomeryville, Pa. 18936
Phone: 215-699-3533

Cub LoBoy 1PTH, hydraulic, some attachments; Int'l 2 bottom, roll-over plow, Farmec 24' elevator, like new; Farmhand grinder blower for high moisture corn 717-687-0102

Cub LoBoy 1PTH, hydraulic, some attachments, Int'l 2 bottom, roll-over plow, Farmec 24' elevator, like new; Farmhand grinder blower for high moisture corn. 717-687-0102

Daffin Mobile Mill, diesel powered, roughagizer, wet molasses, on 1979 GMC 7000 truck Both in good condition Suitable for commercial route or excellent farm unit. Price $15,000 negotiable. 703-949-7840 after 6 p.m.

DeLaval #77 Milker Pump w/3 hp motor, $325. NH 269 Hay Baler w/kicker, $975. NH 256 Rake, rubber teeth, like new, $1475. 717-354-0266.

DISC HARROW. New Rhino Model 200, double offset, 10' cut, very heavy duty. Save $1,000. Call Sheaffer evenings, 301-778-0185.

D4 Caterpillar w/blade and winch, excellent. 814-793-4293

For Sale: JD 4430, cab, air, new turbo, new rubber, good condition w/JD 158 loader w/snow bucket and regular bucket. $13,500. 717-733-1602

For Sale: John Deere 760 tank spreader, 600 gal Good condition. Phone 717-436-9329.

For Sale 1985 Honda ATC Big Red, excellent condition, best offer 717-653-5359.

Heavy Duty Super Rhino Scraper Blade, 3 pt hitch. Double auger McKee snow blower Both in excellent condition. 15 Rolls of snow fence. Travel trailer, will make good deer hunting camp, cheap. Pair of platform scales, good condition. John Strawbridge, 301-941-1122.

Huber road maintainer grader, 10', hyd, blade hyd. angle, 6 cyl. gas, good shape. Somerset Co., NJ 201-469-2744.

Hyster Fork Lift Truck, 2,000 lb. model, very good condition, $2,300. York Co., 717-244-2649

IH 1086, C & A, 3 outlets, full weights, 1,900 hrs. Must See $13,500/Offer. 301-833-9091

IH 1150 Grinder Mixer, hammers never turned, excellent condition 301-838-5639, 301-836-9066.

IH 1200 fast hitch sickle, $625. 301-833-9091

IH 460 Farmall gas, 2 pt., NF, excellent condition, $1,800. 301-833-9091

IH 915 combine, A1 condition, rice tires & straw chopper, $19,000 215-357-2692.

Int 1066 w/cab, new tork, excellent condition 814-793-4293

Int 400 diesel tractor w/Int. 3-14" plows, $1,300, JD 2-14" plows; JD grain drill, 17 disc for parts only 215-437-2510.

Int. 684 D. tractor, used Asking $12,000 215-588-7019 between 5 & 6PM.

Int 856, original paint, dual hydraulics, 38" rubber, excellent condition. 814-793-4293.

IRRIGATION PIPE & HUMIDISTAT. 600' used 6"x30'. Also, Humistat by Hygrodynamics, Inc. 717-532-9108.

JD 1219 haybine, no-clog guards, used 1 summer, $7,800. Bedford Co 814-623-1831.

JD 1968, 4020 sharp, $8,500. 717-573-2250.

JD 2440, roll canopy, 2 outlets, 16.9-30 rubber, 1,800 hrs. $7,500. 301-833-9091

JD 2630, 2 outlets, 1,500 hrs., hi-lo. $6,500. 301-833-9091

JD 2640 late model w/low hrs. 814-766-2397

JD 3010, diesel, WF, good rubber, solid & original, $4,500. 717-532-8926.

JD 3010, 2100 original hrs., mint condition, $4,800. 717-776-3276.

JD 4000, side console, dual hyd., WFE, 38 rubber, sharp, $7,500 717-532-8926.

JD 4240 loaded, 700 hrs., $28,500. 717-573-2250.

JD 4240, QR, cab, 4WD, 2500 hours, wts., clean, $14,900. 717-532-8926.

JD 4240, QR, SGB, $21,500. 717-573-2250

JD 4430 cab & air, dual hydraulics, QR, excellent condition $14,000 215-345-0736.

JD 4430, QR, cab, dual hyd, $8,200 spent on new motor, sharp, $12,500. 717-532-8926

JD 4430, 4 post, PS, dual hyd., diff-lock, nice, $9,500. 717-532-8926.

JD 4440, PS, cab, new 20x38 rubber, like new, $18,500. 717-532-8926.

JD 4620 syn. range, very good condition, 20.8x38 tires, $7,900. May trade for skid loader 412-667-8820.

JD 4630 cab, air, power shift. 814-793-4293.

JD 54 manure spreader, good condition. $750 301-833-9091

JD 6600 diesel, hydro, real good shape, rotating screen, $8,500. Larry Stalter, "The Combine Man". 219-862-2151

JD 730 Diesel, elect. start w/fenders, 3 pt., PS, fair condition, $3,000. 717-532-8601.

John Deere 730 630 3 pt. LPTO, power steering, like new, good tires, JD B, new tires. 717-385-3625.

McCormick Deering steel wheeled wagon; belt pulley for MF 717-275-3309.

MF S90, 8 spd w/MP, 3PTH, 1450 original hrs., new rubber, PS, HD frt. end loader w/hyd. tilt. Eves. 215-383-5545.

MF 1100 diesel, dual hydraulics 814-793-4293.

MF 1800 adj dual remotes, wgts., $5,500. 717-265-4440.

MM GBD 6 cyl diesel PTO belt pully, $1,500. Evenings only, 301-898-9180.

MM 4 cylinder power unit, $700 or Offer. Evenings only, 301-898-9180.

M-W round baler, 800# bales. Take over lease, $256/month or $7,500 Bedford Co 814-623-1831.

NH 510 triple beater spreader, 1 owner, excellent condition, $1,500/Offer 301-833-9091

Oliver 2255, 3208 Cat engine, cab & air 814-793-4293.

Only 1 left. New JD 2750 w/rack pinion axle, heavy duty front axle, $15,800 cash. 717-532-8601.

SAME SATURNO 80, 72 HP, 4 wheel drive tractor, radial tires, dual hydraulic remotes, 900 hours Call 717-949-6817.

Side console JD 4020 diesel, 3200 hours, nice, $7,000 717-532-8601.

SUPER C IH, fast hitch, $1495. Good rubber 717-653-4598.

Two Hobart welders w/Wisconsin engine, 200 amp D.C. w/5,000W AC power 115/230 vac., $950. Wallis Generators, 717-282-2342 or 607-797-0537 after 6PM or weekends.

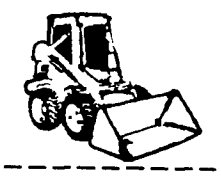
USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Sales & Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346 513-548-0718.

Valk V-type snowplow, clears 8', excellent condition. Reasonable. Call Sheaffer evenings, 301-778-0185.

WANTED: 7" irrigation pipe with Wosco couplers 717-539-2711.

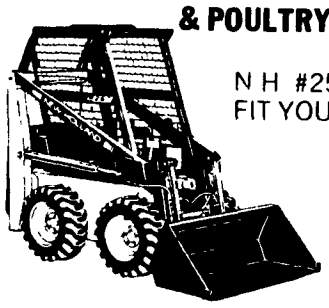
00 Frick Friction Feed Sawmill, ready to saw, $2,500 or Reasonable Offer Evenings only, 301-898-9180.

NEW HOLLAND



NEW EQUIP. IN STOCK

"ATTENTION" HOG & POULTRY OWNERS.



N H #250 LOADERS FIT YOUR NEEDS

A COMPACT "SUPER" SCOOP

1-ONLY-LEFT OVER 250-NEW
SAVE $2000.00 W/CASH REBATE

N.H #302 Slurry Spreader-1225 Gal
N.H. #791 Box Spreader (Special Price)
N H 520 Spreader w/gate & sides
N.H. #250 Skid Loader (Special Price)
N H. #455 Skid Loader-Diesel-Demo
N.H #355 Grinder Mixer SAVE
N.H. #667 Flail Spreader (Special Price)
N H #250 Skid Loader (Special Price)
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→ PURCHASES TILL DEC. 31-85 WILL BE ELIGIBLE FOR INVESTMENT CREDIT. NOT SURE ABOUT 1986???

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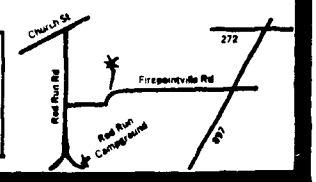

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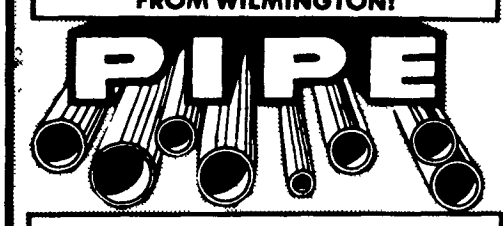

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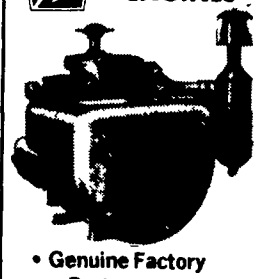

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Ford 2000 G, 4 SP
Ford 1000, Turf Tires
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IH 504, 3 pt.
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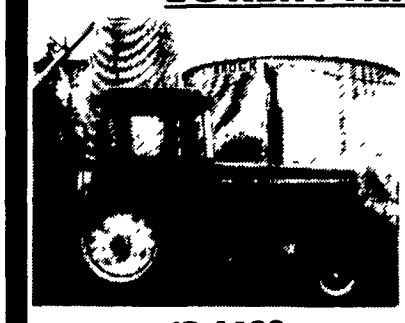

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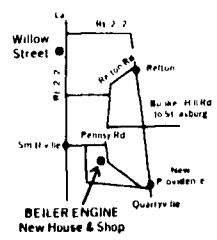

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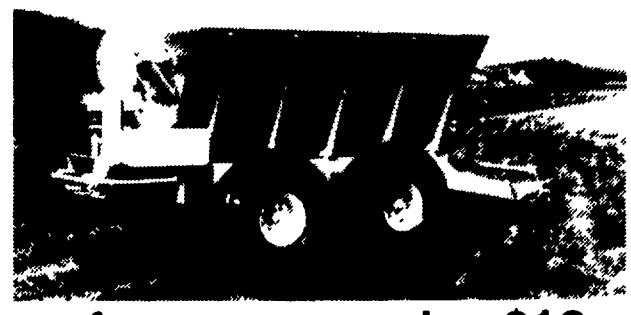

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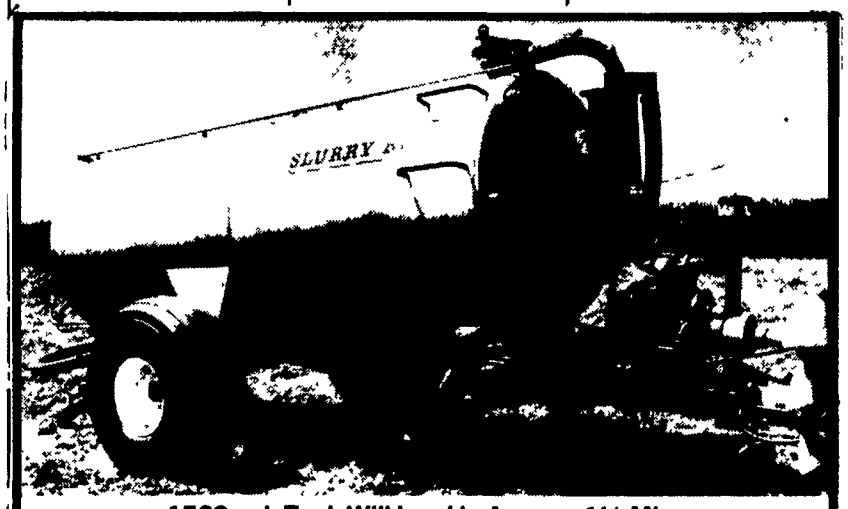

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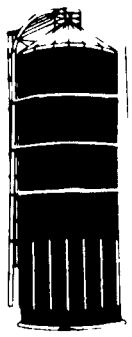

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- ■ Used Goliath™ & Hercules™ Unloaders

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$6,375

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$2,100

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$4,375

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$5,900

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IH 575 MANURE SPREADER
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IH 8 Flail Chopper 6 Ft #5253 $1 200
Ford Tandem Disk Harrow 19 62 Disks 7 7½ Spacing #987 $2 250
Badger 1416 Forage Wagon 14 Ft Tandem 10 Ton Gear #5256 $3 500
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Gehl FB99 Blower 540 PTO 54 Fan #863 $1 100
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IH 400 Cyclo Planter 6 Row 30 Dry Fert w/Insecticide #5934 $2 500
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NH 33 Flail Chopper 5 Ft #5893 $1 700
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NI 212 Manure Spreader 120 Bu Std Chain 2 Beater #5508 $525
IH 400 Cyclo Planter 4 Row Wide Dry Fert #914 $2 500
IH 1150 Grinder Mixer #5958 $4 200
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IH 350 Disk Harrow 11½ Ft 36 Solid Disks 7 Spacing Exc Cond $1 450
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Swope & Bashore, Inc.

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MON THRU SAT 7 To 5
DEC 16 THRU DEC 31

RD1, Myerstown, Pa
Located 1 Mile S of Int 78 & 6 Miles
N of Myerstown on Rt 645 in Frystown
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IN PA--CALL TOLL FREE--1-800-692-7467

All Steel Frame
Hay Wagon, 8x18'
All Sizes, Steel
Hay Feeders
24' Feeder On
Whls.
Self Locking Panels
J & L EQUIPMENT
St. Thomas, PA
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FOR SALE
* 20' Badger Power-Trac Silo Unloader
* 1½" DeLaval Glass Pipeline with 4 see-thru Claw Units.
* 800 Gal. Ice Bank Milk Tank (Esco)
* 260' Badger Duro-Forge Barn Cleaner Chain & Jamesway unit.
* 20x70' Harvestore Silo with Goliath Unloader.

Curtis Kratz
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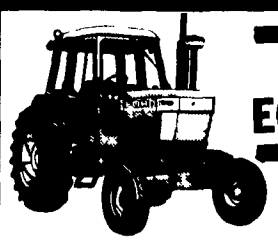
Souderton, PA 18964
Phone 215-723-4952

McCONNELL UTAH MODEL 335 POTATO HARVESTER
With hyd. dirt shaker, very good cond.,
301-582-0264
No Saturday calls.



USED EQUIPMENT

JD 6620 Combine

Ford 7000 Dsl 8SP High Platform
1975 IH 915 Combine
IH 544 Utility gas w/2000 loader
JD 530
Uni 705 Dsl w/1800 hrs
Pair of 28Lx26 Combine Tires on Rims
NI 702 w/727 or 737 Husker
NI 738 4R or 725 3R C H
IH 615 Combine w/C H & 10 Platform
JD 4400 Dsl Rotary Screen

RAYMOND B. LEAMAN
Willow Street RD 1
Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville
off Rt 222 take Brenneman Road
at Graybill Bros Garage, Refton

MF
Massey Ferguson

USED EQUIPMENT
Farmall Super C
MF 40 Diesel Tractor w/MF 34 Loader
MF 57 3-Bot. 16" Plow
MF 345 4-Bot. Plow
MF 50 Gas Tractor
MF SOLD Loader
MF 1130 Tractor
MF 285 Diesel Tractor
JD 4020 Tractor
MF 52 Disk

NEW EQUIPMENT
MF 205 Tractor
MF 250 Tractor
MF 294-4 Tractor
MF 699 Tractor
MF 3525 Tractor
MF 3545 Tractor
MF 3505 Tractor (Demo.)
MF Loaders
MF 226 Blade
MF 233 Disk
MF SOLD low
MF 424 Drill
MF 1163 Cornhead
NI 660 For. Harv.
NI Spreaders

N.H. FLICKER & SONS, INC.
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PA 19538
215-683-7252

ROBERT E. LITTLE, INC.
Rt. 29 & Little Road
Zieglerville, PA 19492
Ph. (215) 287-9643

TRACTORS
JD 4240 Cab like new 1200 Hrs.
JD 2640 900 Hrs. new tires, clean
JD 2440 Roll-Gard, Canopy, new tires
JD 1050 4WD Loader, Backhoe 26 Hrs.
JD 70D Tractor $1,200
JD B Tractor $600
AC WD 45 Loader, Center mower clean $3,500
AC WD Tractor w/Loader $1,800
AC 5020D Tractor 250 Hrs., Like New $4,200
Kubota L250 Tractor w/Loader . . $5,000
245 Tractor Like New $4,300
Satoh Bull w/Loader 4WD $5,500
IH 154 Lo-Boy w/Center Mower, Tiller $3,500
Farmall H Clean $800
Ford 9N Clean $1,400
Ford 3600D Turf Tires Lo Hrs.

MISC. EQUIPMENT
2 Woods 5' Rotary Mowers. $450
5' Rotary Mower $300
JD 10' 3 Pt. Chisel Plow
Bush Hog 12' Pull-Type Chisel Plow
4 JD Disc on Wheels
4 3 Pt. Disc Some Like New
JD 2B 3 pt. Plow
Ford 3 Pt. Plow
2 1B 3 Pt. Plows
1 Row Culti. w/1R Planter, Like New
Little Giant 22' Elevator, Like New $1,700
JD 494 Planter $700
2 New Holland Forage Wagons $1,300
Lamco Forage Wagon $1,100
New Holland Blower
Grimm Tedder
New Holland & Vicon Disc Mowers
Grove Grain Box w/Wagon $400
New Holland 479 M-C $2,200
JD 24T Baler w/Thrower. $1,400
2 JD 16A Flail Choppers
JD 3 Pt. Plows 3-4-5 Bottoms
MF Ind. Loader $1,200
* Tuff-Built Tractor Like New*
1 JD 7000 Con. Planter (Rental) 1985 Model Loaded $7,500

JD 6620 Side Hill Combine Complete Rebuild $30,000

Used Lawn & Garden Tractors
All Makes 30+ To Choose From

TRACTORS
JD 2440 Dsl. ind. PTO, 16.9x30 tires, $6,950
MF 165 Dsl. multi-power, 2000 hrs, Sharp, $4,250
JD 1020 Dsl. utility, Sharp, $3,950
Ford 6600 diesel, nice, $6,500
MF 275 diesel, 8 spd., $6,250
JD 3020 diesel, power shift, narrow front end, $4,300
IH 706 diesel, torque, fast hitch, $3,200
AC 160 diesel, power steering, $2,750
JD 3020 gas, narrow front, $3,450
MF 65 diesel, $2,500
JD 4320 diesel, cab, 18.4x34 tires, nice, $8,500
Oliver 1650 gas w/cab, nice, $3,450
Farmall 400 diesel fast hitch

Horning's Farm Machinery
Meadow Valley Road
Ephrata, PA
717-733-7408

case IH

Used Case 58C TLB
Case 2990, excellent
1983 Case 1190
1983 Case 2090
(2) JD LA's, Antique Specials
Case 1390 Tractor, 2 yrs. old, low hrs.
Case 1212, Good Shape
Case 1983, 2590 w/390 hrs. excellent
Int. 806 Dsl., WFE
Int. 6388, excellent condition
Int. 756
Int. 544
Int. 856 Dsl., nice shape
705 Power Unit Diesel, Uni-System
Hesston 4600 Hydraulic Tension Conv. Baler - Will take best offer, only 1 yr. old
OMC 540 Stacker
OMC 540 N Mover
10' Pittsburgh Disc, like new
AMCO 10' 1982 New Disc
RP 10' Disc, A1 Shape (New)
Used NI #324 2 Row Wide gathering unit, good shape.
Plus NI 702 Uni-Tractors, mow/ditioners, NI 323 corn pickers & spreaders in stock at Good Prices.

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

Dismantling Combines for parts
over 400 all makes and models
Call before you come.

IH 915, 815, 315, 205, 203, 503, 403, 303, 93, 91, 151, 101, 141, 127, 125, 82 76, 74 JD 6600, 105, 95, 55, 45, 40, 30, 25, 12A MF 510, 410, 300, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26 AC Gleaner, L, M, K, G, E, C, C2, A, 60, 66 Oliver 545, 535 430, 40, 35, 33, pull type NI Uni, 705, 702, 701, Combine shellers & harvesters Ford 622, 630, pull type Case 960, 660, 600 NH 975, 985 NM 5297, MM Uni White 8600, Massey 750D

DISC HARROWS
8,10,12 & 14' Wheel Disc
3 pt 7'
7 & 8' drag discs

COMBINES
JD 45 w/2R & 10' grain, $2,000
IH 403 Gas hydro w/13' grain & 4R 30" corn
Case 660 cab w/10' grain, 2R or 3R 30" corn
JD late 45 w/2R & 10' grain
IH 105 w/cab & 10' grain
JD 7700 Hydro Dsl big rubber & grain head, $7950
Massey 82 w/12' grain head
JD 45 Sq back w/10' grain, 2R cornhead, nice
IH 203 w/12' Grain & corn
JD 45, late model w/JD 3300 Throat & grain & 2R cornhead
IH 105 w/8 or 10' head
JD 45 w/10' grain & 2R corn
IH 915 Diesel Turbo, hyd w/13' grain, 4R corn or 6R corn
IH 93 w/10' grain
IH 80 pull type PTO bin $1450
Massey 35, self propelled, 8' cut, real nice
MF 410 Quick tach w/grain head 4 Row 30 & 38" Corn Head
IH 76 PTO 7' pull type $475
IH 80 pull type Auger feed $950
AC Gleaner G w/4 row corn, $5,500
Gleaner A w/grain head $2,000
Gleaner E3 cab, grain
JD 4400 Diesel w/grain head, $7,500
Gleaner M Diesel w/grain head & 4 row corn head, $11,500
IH 80 7' pull type auger feed, $875
MF 510 Diesel w/Quick Tach, grain head $5500
IH 82 pull type, auger feed, PTO $1,475

TRACTORS
Farmall 30 w/live hyd & live PTO
Farmall M w/PS & NI Loader, $1850
AC WD 45, new paint, $1,200
AC D15, WF, PS, loader, $2,000
Economy 14 hp w/plow, belly mower & front end loader w/hyd bucket, $1975
Farmall Late H
Farmall M w/PS, live hyd w/#2000 IH loader, wide hyd. bucket, very nice, $2700
Farmall Super C w/hyd & pulley $975
Oliver OC3, narrow track crawler w/front end loader, $3500
JD 450 Dsl crawler w/front loader, $8950
AC D19 Dsl w/WF
Oliver 1800 NF 80 hp gas
Ford 6000 65 hp gas
Massey 44 NF gas
IH 460 gas w/loader & snow blade
Massey 101 PTO & pulley, $500
Massey 1080 D, needs PTO gears
JD 720 Diesel w/PS
IH 340 w/fast hitch
AC XT190w/3 pt & WFE, $3,950
IH 706 Gas, NF, $2875
JD 60 w/PS, $1475
AC WD w/PS, $1175
Ford 871 w/PS, $2475
IH 460 gas NF
Ford 6000 Diesel $2475
Massey Pony Pacer w/1R cult. & 1 btm plow $1485
Farmall 200 w/fast hitch & loader w/hyd bucket, $2,000
IH 300 Utility w/loader
Massey 44D w/WF
AC D19 Diesel w/WF
Case 400 Diesel
Ferg. 30 w/3 pt
Farmall 560 Diesel $2850
Farmall BN w/hyd. $875
Ford 900, P/S, real clean
AC D17 Diesel snap coupler
IH 3444 Diesel backhoe w/2 in 1 bucket, $6000
Ferguson 30

FORAGE HARVESTERS
IH 720 2R wide or narrow corn head $3000
AC 720 2RN & pickup $750
JD 34 1R & pickup $875

ROTARY MOWERS
3 pt 6,7 & 8'
Also pull types

CORN PICKERS
1&2 Rows Pull Type & mounted Also, 50 for parts

WIDE FRONT ENDS
Farmall C or Super C, 200 & 230
Ford 6000 WFE
IH 460, 560, 706, 756, 806, 856

MISC.
Sickle bar mowers, 3 pt semi & trailer types
Hay Balers, with or without throwers, $300 & up
Combine Corn heads, 2,3,4 & 6R
Grain Heads, 8,10,11,12,13,14 & 15'
NI 213 3-beater spreader, $750
NI 12' Flail Stalk Cutter, $800
IH 9 tooth trailer type chisel plow
NH 269 Baler w/thrower
Trailer Type Rotary Mower, $475
IH Loaders to fit H, M, 300, 350 & 300 & 350 utilities
Hesston self-propelled haybine w/hyd & cab
NI Cut/ditioner
Ferg loader w/hyd bucket & front pump $650
12 Tooth Trailer type chisel plow
JD 210 wheel disc, like new
Ford 3 pt disc, $475
JD 16' wheel harrow $1475
30 plows from 2 to 7 bottom
IH 315 14' cultimulcher

New 3 Pt. Equipment

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

IH 1256, 666 Hydro, 806, 660, 560, 504, 404, 460, 450, 400, 350, 300, 340, 240 MTA, M, H, C, BN, A, Cub, F30, F20, F14, F12 JD 4010, 3010, 2010, 70, 60, 50, A, B AC 180, D17, WD, WC, CA, C, B MF 1155, 90, 85, 444, 333, 44, 33, 30, 20 Case 300, DC, SC, VAC Ford 6000, 4000D 860, 800, 8N, 9N Oliver 88, 77 70 60 Crawler D2 Cat & Oliver

Dismantling 50 pickers for parts
POSITIVELY NO OUT OF STATE PERSONAL CHECKS

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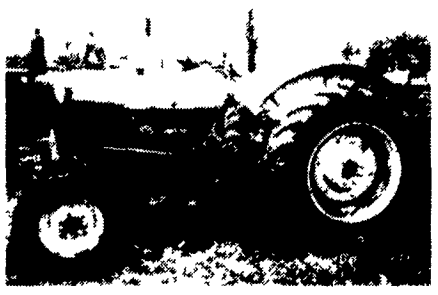
R.D. 1, Halifax, PA 17032 Rt. 225
20 mi. north of Hbg.
Phone: 717-362-9574

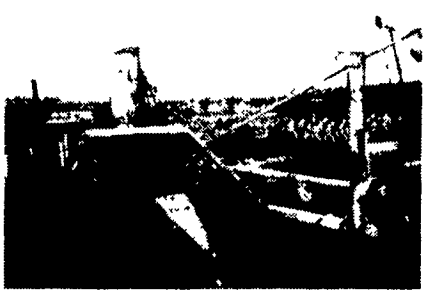
YEAR-END USED TRACTOR CLEARANCE



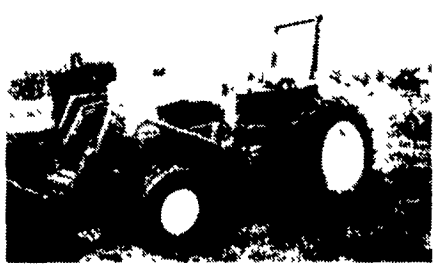
#15866 Ford 4000 Tractor
Reg. $4,825
SALE $3,975

#15933 Gehl 1600 Round Baler
Excellent
Reg. $6,800
SALE $5,495

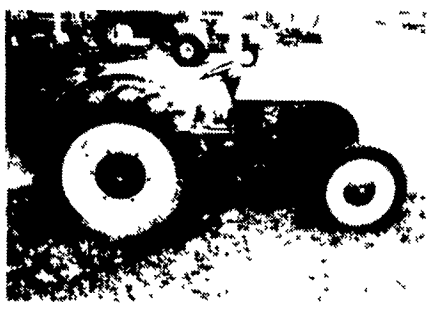
#15100 J.D. 1209 Haybine (P.T.)
Reg. $6,615
SALE $5,400



#14414 Gehl CB600 Harvester
w/2 Row & N Head
Reg. $7,219
SALE $4,500

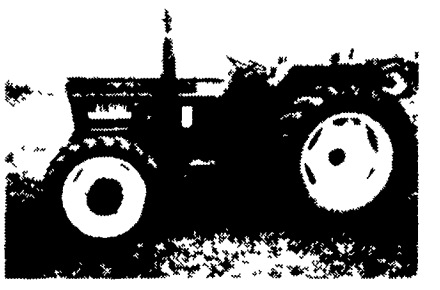


#14340 Ford 7710 w/777D Ldr.
700 Hrs.
Reg. $23,625
SALE $17,500



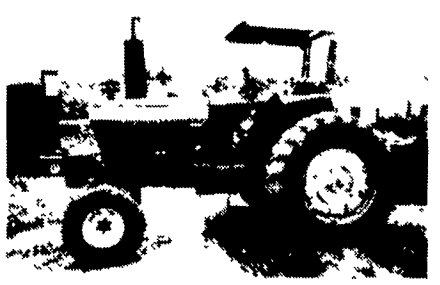
#15626 Ford 9N Tractor
Reg. $2,735
SALE $2,395

#16151 Ford 4500 TLB
Reg. $11,500
SALE $10,500

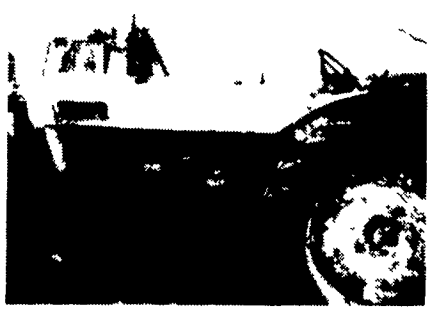


#06199 Allis Chaimers 5050DT
Reg. $13,330
SALE $10,975

#06251 Farmall C w/Ldr. & Cult.
Reg. $1,885
SALE $1,395



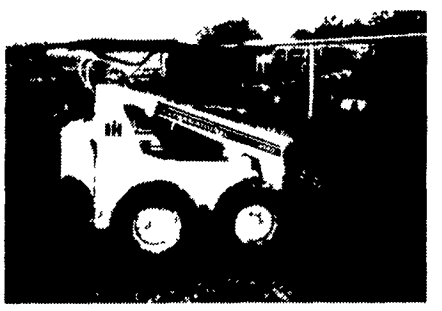
#15106 Ford TW10 Tractor
Reg. $17,250
SALE $15,500



#15401 Ford 6000 Tractor (as is)
Reg. $1,500
SALE $1,050

#16174 Massey Ferguson 255
Reg. $9,825
SALE $7,500

#15171 Ford 7710 Lease Tractor



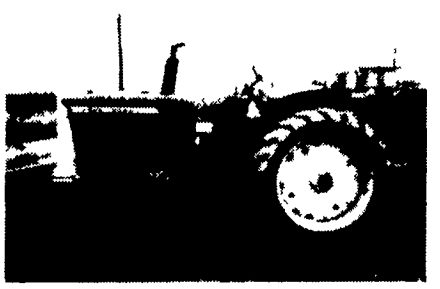
#16087 IH 4140 Skid Ldr.
Excellent Cond.
Reg. $10,650
SALE $7,950

#14972 Owatanna Skid Ldr.
Reg. $5,065
SALE $4,975

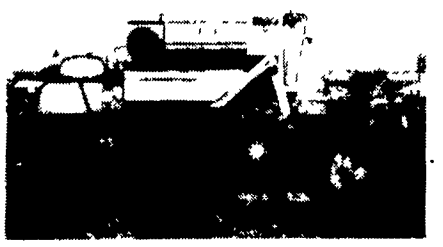
#16078 Case Ldr. Tractor
Reg. $12,900
SALE $11,900

#16154 IH 504
Reg. $3,985
SALE $3,495

#15985 CASE 580
Tractor Loader Backhoe
Reg. $8,500
SALE $7,500



#15052 J.D. 3010 Tractor
(1800 hrs.)
Reg. $5,400
SALE $3,900



#14663 Gleaner G w/13" Grain
Head & Corn Head
Reg. $17,550
SALE $13,500
Waiver Till Sept. 1, 1986

Take Advantage Of Year-End Tax Investment Credit

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Rt. 419 1 mile West of Schaefferstown, Bullids Springs Lebanon County

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SINCE TRACTOR CO. 1921
PARTS ★ SALES ★ SERVICE

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NEW TOLL FREE NO.
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1 FARM EQUIPMENT

CASE 350 CRAWLER w/6 Way Angle Blade. Motor Overhauled. Very Nice Condition
MANOR EQUIPMENT, INC.
Sinking Spring, PA
215/678-0828

JD 60
With 3 Point, PS, new rear rubber, $1500/offer.

Flatbed trailers,
16', 2 axle, new, $1095.
301-876-1956

USED EQUIP.

JD 4630 Tractor w/Cab
JD 4440 Tractor w/Cab
JD 4230 Tractor w/Cab
JD 4020 Tractor, WF, Side Console
JD 2640 Tractor, w/Loader
JD 2640 Tractor
JD 2440 Tractor w/Loader
JD 2440 Tractor
JD 7700 Combine
JD 7700 Combine w/640 C.H. & Platform
JD 6620 Side Hill Combine
JD 4400 Combine w/4R C.H. & Platform

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

USED EQUIPMENT

TRACTORS
Case 1390 JD 2640
Case 1175 IH 84
Case 1090 Hydro
Case 2090 AC 170
JD 60

SPREADERS
NI 213 NH 675
NI 214 NH 679
NI 224 JD 54
NI 354
Martin Scavenger

MISCELLANEOUS
Gehl 1580 blower
JD 146 loader
10 foot chisel plow
Woods 15' mower
Mechanical trans-planter
JD 1240 planter 4R
NH 351 Grinder Mixer
Gehl 99 Blower
IH Grain Drill
Badger Box
IH 400 planter 4R

NEW IDEA
838 Uni Husker
325/329 Picker Sheller
270 Cut Ditioner

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PARK AVE., QUARRYVILLE, PA. 17566
PHONE: 717-786-3521
BUSH-HOG NEW IDEA GEHL Gets into your system case HEDLUND MARTIN

WANTED
Late model MF 750-760 combine, very good shape, no rust. Will consider JD.
717-294-3404

FERGUSON TO30 TRACTOR
Excellent condition with new Bushhog plow, cultivator & scraper blade, $2700
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C.J. Wonsidler Bros.

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New Tripoli PA
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Mon Fri 7 30 A M 5 00 P M
Sat 7 30 A M 12 30 P M

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BRANCH
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Mon Fri 7 30 A M 5 00 P M
Sat 7 30 A M 12 30 P M

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• Company Rebates • Dealer Discounts • Low Interest Financing
• 1985 Investment Credit

IN STOCK READY FOR DELIVERY

AC 8010, cab & air 107 hp; AC 6080 4WD, 84 hp; AC 6080 w/Cab, 84 hp; AC 6060 4WD, 64 hp; AC 6070, 70 hp; AC 6060 w/Cab, 64 hp; AC 5050 4WD, 52 hp; AC 5045, 44 hp; AC 6140, 40 hp; Kubota 7500 2 & 4 WD, 71 hp; Kubota 6950, 4WD, 66 hp; Also on the road soon to arrive 60 hp Deutz-Allis.

Come in & compare our prices per hp & our features. You'll be surprised at the savings on quality tractors. We have parts & we service what we sell. Trades welcome.

NEW ARRIVALS FOR SALVAGE YARD

Case 310 dsl. Crawler Loader, Ford 8N, front mount dist., Ford NAA Golden Jubilee. Call Joel.

USED TRACTORS
AC 7040, cab & air + power shift. 7030, cab & air. 7000, cab. 200, 190XT, cab. 190XT, 4WD. 6080, 6060, 4WD. 6060, with loader. 175, 160, D17, gas & diesel. D15-3 pt. B, CA.
JD 5020, cab & duals. 4320, cab. 2 - 3020D. 2840 with loader. 2640, 2040.
IHC 756. 706D, cab. 684, 674, 544, Super MTA, H, 230, 140, 100, Super A, with equipment, Cubs
Ford 5000, 4000, 800, 600, 8N's, 9N
Kubota 7500, 4WD Demo.
MF 175, 135

INDUSTRIAL
Tractor Loader Backhoes - MF 2000, AC 715B, JD 310A, Case 580C, all with cabs except MF 2000
Yanmar 336
Crawlers with loader AC 655. JD backhoe attached from 450 crawler loader
Crawler with blade. JD 430 + 3 pt.
Tractors with Loader, 3 pt. hitch & PTO. IHC 2400A, 2444, Ford 515, 535, MF 40B, MF 205
Skid Steer Loader NH 445, 225, Bobcat 610 - gas. 611 - diesel
Log Skidders - 3, JD 440 series A & B. Pettibone w/loader attachment
AC 100+ HP Power unit with clutch, Ford 50 HP power unit
3, 6, & 12 ton Tag-a-long Trailers
AC 706B Fork Lift with 30' mast
Int. 3 Pt. Hitch Backhoe

LIQUID MANURE EQUIPMENT
4 Used Tank Type Spreaders
15 Used PTO, Ground Drive & Conventional Spreaders
2000 gallon Vacuum Liquid Manure Spreader, excellent condition
Patz 3000 gallon Liquid tanker
Better Bilt 1500 gallon Liquid Tanker
Martin Scavenger S1666

HAY EQUIPMENT
Hesston Round Bale or Stack Processor, model 10, like new
Haybines - NH 477, 489, Hesston PT 7, PT 10, 1070, 1090. New Idea 299 NI 7' & 9' Cutditioners
Hay Tedders. Fahr, Kuhn, Neimeyer. Centipeed Tedders. Grimm PTO & Ground Drive, Reel Tedders
Used Side Rakes - NH 256, 56, 55. JD, New Idea
Balers with Thrower - NH 273, 275, 310, 315, IHC 440, JD 24T
Round Balers NH 850, 846 - like new, Hesston 5800

FORAGE EQUIPMENT
Forage Harvesters NH 718, Super 717, 717. Hesston 7020, 2000-100, 2000-150
Large selection 1 & 2 row Heads, pickup heads - NH 890 - 3 row narrow head
NH 770 - 1 row snapper head
Used Forage Blowers, Gehl 99 - like new, Ford 618, NI 620, IHC 56 JD 6500 - like new
NI Corn Pickers - 4-323 1 row, 310-1 row only $1175, 325 - 2 row narrow
324 - 2 row wide, with husking bed or super sheller
Flail choppers 2 - NH 34, 1 like new, JD 16A like new
New Farmhand Regrinder Blower, 50% Discount

FORAGE BOXES
3 used AC, Gehl - 3 beater with roof, tandem gear. Lamco, Grove, New H & S, in stock
JD 310 Grain trailer - self unloading

MISCELLANEOUS
Hesston Stack Hands #10 & 30 Stack Mowers
20 Misc. Hyd. front end loaders for various models & makes tractors. Call for your needs.
Used Hay & Grain elevators, 24' to 48'
Kiwanee 12' Cultimulcher
3 Farmhand Corn Blurr's For High Moisture Corn Priced From $595 to $1495

THIS WEEK'S SPECIAL!
New McKee 3 pt. Hitch
Corn Hog w/Hyd. Auger
Priced $2485

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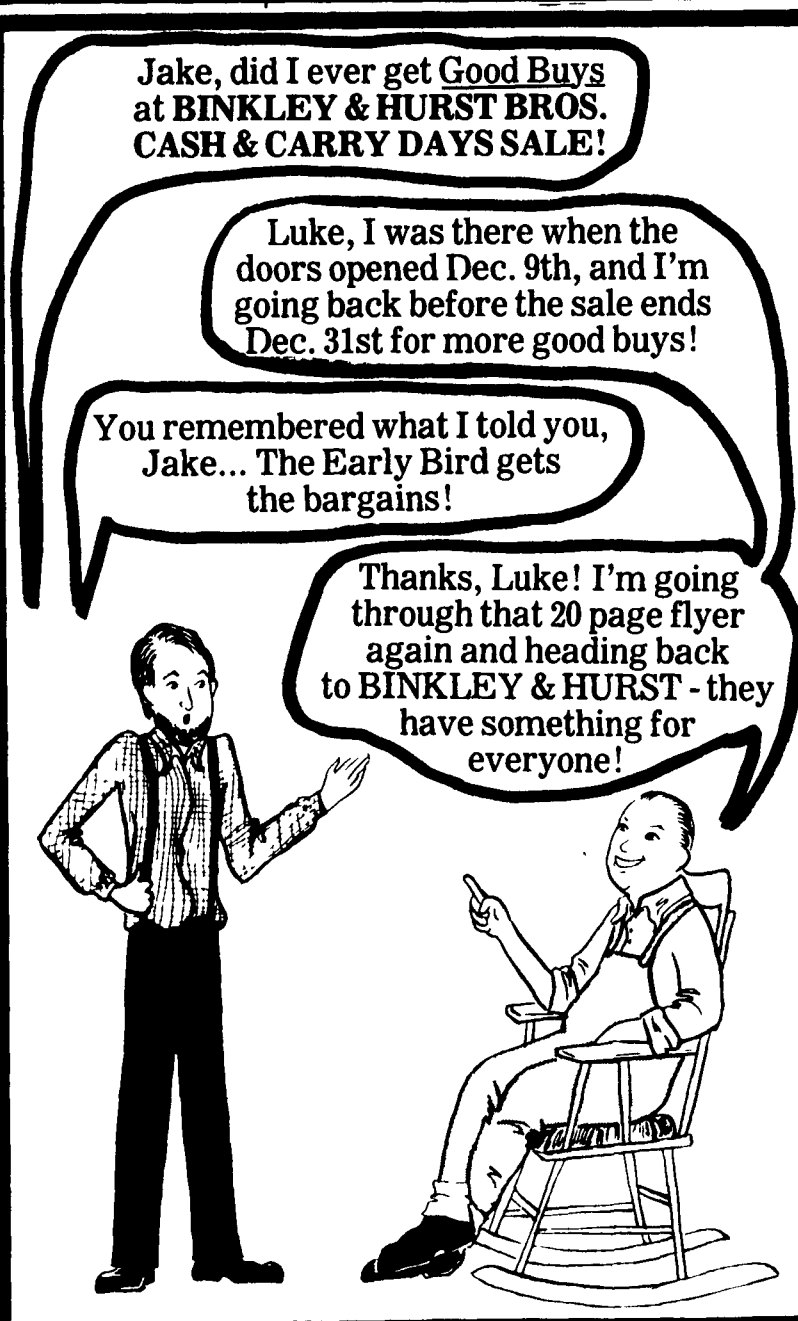
717-729-7117
SALES & SERVICE for AC, KUBOTA, HESSTON, BRILLION, STARLINE, NEW IDEA


Jake, did I ever get Good Buys at BINKLEY & HURST BROS. CASH & CARRY DAYS SALE!
Luke, I was there when the doors opened Dec. 9th, and I'm going back before the sale ends Dec. 31st for more good buys!
You remembered what I told you, Jake... The Early Bird gets the bargains!
Thanks, Luke! I'm going through that 20 page flyer again and heading back to BINKLEY & HURST - they have something for everyone!

BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd., Lititz, PA 17543
Located ½ Mile North of Rothsville
PH: 717-626-4705
Hours: Mon.-Fri. 7 A.M. - 5 P M.,
Sat. 7 A.M. - 11 30 A.M. Sun. Closed - Lord's Day

USED FIBERGLASS UNDERGROUND STORAGE TANKS

For Manure Storage And Fertilizer Storage

Size Available: 6,000 Gal.

$720 ea.

Tanks have been tested for leakage

HOWARD E. GROFF CO.
111 East State St.
Quarryville, PA 17566
(717) 786-2166

Badger | JOHN DEERE | HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS
MF 135 w/loader
MF 65 Gas
MM 445 w/loader
JD 2550 w/cab
JD 2640 w/15 5x38
JD 2940
AC 190XT Series III
Case 1816B Skid Loader
JD 5400 SP Harvesters
IH 154 Lo Boy w/Mower
Ford NAA Jubilee
Farmall M

TILLAGE EQUIPMENT
10' Miller Disk
White 18' Wing Disk
Oliver 10' Disk
JD 8' 3 pt "Y" Disk
Pittsburg 9' Disk
JD 325 3 btm plow
JD 350 4 btm plow
JD 125 4 btm plow
JD 1 btm plow to fit M
JD 345 4 btm plow

MISC. EQUIPMENT
Chromalloy Tank Spreader
JD 205 3 pt Rotary Mower
Ford 5' 3 pt Rotary
JD 145 Loader
16 Harvest Handler Elevator

PLANTING EQUIPMENT
JD 7000 4 Row Wide
JD 449A Planter
JD FB A 17 7 Grain Drill

Dec. Special
New Badger 220 Bu
Spreader $3995.00

OTHER NEW EQUIPMENT SPECIALS

Badger 7' Mower Cond.	$6200.00
Henke 1000 RPM Blower	$2700.00
Badger 540 Blower	$2650.00
Badger 1000 RPM Blower	$2550.00
Glencoe 15½' Field Cult.	$2875.00
Glencoe 12½' Field Cult.	$2525.00
Koykor 35' PTO Auger	$1350.00

PIKEVILLE EQUIPMENT, INC.
R.D. 2, Oley, PA
Phone: 215-987-6277
Berks County's Full Line John Deere Dealer
Serving The Oley Valley 49 Years, 1936-1985

LOST CREEK IMPLEMENT

Oakland Mills, PA 17076
717-463-3511 463-2161

JOHN DEERE

NH TR85, 1,800 hrs., cab, 4WD, Cat dsl, hydro, 16' platform
NI 717 Uni Combine w/744N corn head, 13' grain platform, excellent
Case 600 combine, good
MF 760 combine w/hydro, cab, AC, 1163 corn head, platform, $29,000
NH 975 combine w/platform and Q1 Feeder House
510 MF w/platform, cab, air, nice
(3) JD 444 corn heads
JD 643 corn head
Assorted JD platforms
NI 314 2 row pull type sheller
NI 325 2 row narrow sheller, excellent
JD 300 Husker
Waiver on New & Used

USED TRACTORS

JD 4240, SGA, power shift, excellent
JD 2950 Tractor, 500 hrs., like new
JD 2840 tractor, new tires, good cond
(2) JD 2010 Gas, nice
JD 70 Gas, excellent
JD 60 Tractor
JD A Tractor w/picker
IH 300 Utility w/PS, loader
IH 584, less than 200 hrs., like new
MF 65 tractor, good, new tires, reduced $3,200
Farmall H (1) w/cultivators, sharp
(2) AC WD w/2 btm plow

TILLAGE

IH transport disc, 12', good
IH 720 4 btm plow, excellent
(6) 2, 3, 4, 5 bottom plows
9' Case transport disk
18' transport harrow
JD 12' drag harrow

DRILLS & PLANTERS

JD 1440 no-till planter, dry, insect, very good
(2) JD 1240 planters, good cond
(2) JD 7000 4 row conservation planter, dry, insect, markers, monitor, excellent
MF Grain Drill, steel wheel, nice
(2) IH 56 4 row DD, dry fert

HAY, FORAGE & MISC.

NH 273 Baler
NH 68 baler w/thrower
JD 480 mower conditioner
(3) Used Flail Choppers
JD 506 Rotary Cutter
NH Super 717 Harvester w/2 RRC & pickup head, very good
IH 830 harvester w/2 row head, excellent cond
JD 38 Harvester
8' Brillion Cultipacker, like new
JD 115 Forage Box
NH 353 grinder mixer w/scales, like new
JD 750 grinder mixer, very good
JD 80 tool bar, 2 row cultivator
Ford 3 pt hitch mower, $425
(2) 512 NH Spreaders, $800 each
(2) Used gravity bins w/running gears
IH 990 haybine, 9'

International 303 combine with 2 row corn head, 10 ft. grain table, cab.

Massey Ferguson 510 combine with grain head and corn head in excellent shape.

J & L Equipment
St. Thomas, PA
717-369-2637

USED EQUIPMENT

TRACTORS
Oliver 1755 Diesel w/Cab
Oliver 550
White 2-150 w/Cab

SKID LOADER
NH L35
Bobcat 371 w/2 Buckets

FORAGE
NH 770 Harv. w/2 Heads
NH 880 Harv. w/2 Heads

HAY TOOLS
NH 315 Baler w/Thrower
NH 469 Haybine
NH 479 Haybine
JD 1209 Haybine
Owatanna 217 Haybine 9 Ft

SPREADERS
NI 214 Spreader, 2 Beater w/Hyd Endgate

PLANTING & TILLAGE
Brillion 14' Transport Harrow
IHC 400 4-Row, No Til
Case 7' Soil Controller
Oliver Superior No 26 Grain Drill

PICKERS
NI 323 Picker
NI 324, 12 Roll Bed

SPECIALS
EZ Flo 220W Gravity Box
$575

Kasten 560 Blower w/56" Fan
$1,895

NORMAN D. CLARK & SON
Honey Grove, PA 17035
717-734-3682
Located 14 Miles South of Port Royal on Rt 75

TIME FOR THESE TO GO!

New Belarus 820 4x4	$11,970
IHC 684, burnt for parts	$1,500
IHC 100 Hydro, cab & air	$8,000
Cat 966, 4WD loader	$8,750
Case 930 gas	$1,750
Farmall Cub for parts	$750

Valley Implement Company
Rt. 38
Newark Valley, NY 13811
607-642-8688

TANKS FOR SALE

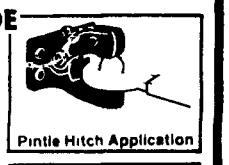
Rotec Agri-tanks, all shapes & sizes. Strong one-piece, seamless polythylene w/ultra-violet inhibitors, super sun & weather resistant, 25-2250 gal.
Factory to Farm Prices
Some Used tanks, 265 gal, $100
Also pumps, hoses, and fittings.
"Used Irrigation Pipe, pumps & supplies delivered to your farm. 4, 5, & 6" In Stock"

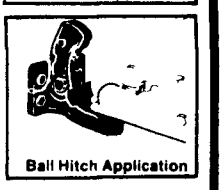
FREY'S GARAGE
Chambersburg, Pa. 17201
717-264-3515
264-7492

Douglas EQUIPMENT & SUPPLY CO.

REAR 2449 S. QUEEN ST., YORK
717-741-2626
BUYING & SELLING USED CONSTRUCTION EQUIPMENT
SALES & SERVICE

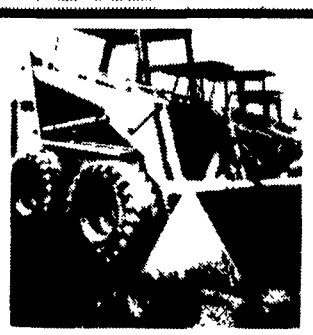
NOW AVAILABLE!
ALL AMERICAN MADE MULTI-HITCH


Pintle Hitch Application


Ball Hitch Application

$85.00
COMBINATION PINTLE AND BALL HITCH
2" or 1-7/8" Ball, Standard
2-5/16" Ball, Available
8 Ton Rating (16,000 Pound)
Dealer for ACCO Chain & Binders

MORE DISCOUNT CASH & CARRY DAYS SPECIALS



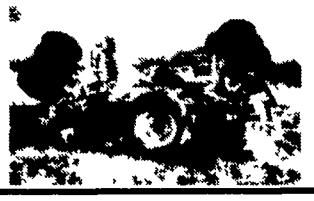
LOTS OF GOOD SKID LOADERS IN STOCK

CASE AND OTHERS

Plus A Few New Case Uniloaders Leftover At BIG DISCOUNTS (Models 816, 835 Diesel)

RHINO ATHENS MODEL 131 DISK HARROW
12' Cut w/Hyd. Complete, Ready To Go

ONLY **$2,350**



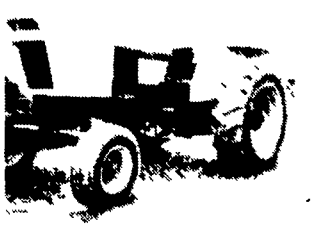
JD 16 FT. WING DISK HARROW
ONLY **$850**

Price Reduced!

MF 1155 TRACTOR
- 2,620 Hrs.
- Cab, Air, Heater
- 20.8x38 w/Duals

~~$11,800~~ **$9,800**

CASE 770 DIESEL
Standard Shift Tractor



$3,650

BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd., Lititz, PA 17543 Located ½ Mile North of Rothsville
(717) 626-4705
Hours: Mon.-Fri. 7 A.M. - 5 P.M.; Sat. 7 A.M. - 11:30 A.M.; Sun. Closed - Lord's Day

---

USED FARM & LAWN EQUIPMENT

JD 2040 Tractor, 700 hrs.
JD Model B Tractor, 1949, one owner
JD 24T Baler w/Thrower
JD 27 Flail Shredder
JD 10' Chisel Plow, 3 Pt. Hitch
Two JD F355H 7 btm. Power Reset Plows, 1 Good & 1 For Parts
JD 400 L&G Tractor w/60" Mower
Loader For JD 317 Tractor
JD 423 Front Blade For 850, 950 & 1050 Tractors
Meyers 90" Front Blade to Fit JD Utility Tractor
Lockwood 4R ~~Beet~~ SOLD Planter

Special Close Out Prices On The Following New Equipment
Bush Hog 3 pt. Rotary Cutter, 6'
Shaver HD8 3 pt. post driver
Good Selection Of Used Lawn And Garden Tractors In Stock

DECEMBER SPECIALS

Woods 0121, 10' Offset Rotary Mower	$3,295
JD 1450 4WD Tractor	$14,995
JD 650 4WD Tractor	$5,995

HARDI
Call Us For Your Needs
NEUHAUS'ES, INC.
32 Main St., Glen Rock, Pa. 17327
800-245-7618 717-235-6831

TRIPLE H EQUIPMENT

Peach Bottom, Pa.
717-548-3775 or 717-548-2094

Vicon Vermeer

NEW VERMEER EQUIPMENT

(1) 605J Auto. Weave (Deluxe)
(1) Hydraulic Drive Rock Picker
(1) 10' No-Til Grain Drill (Rental)
(1) 23' Twin Rake (Demo)
(1) 605H Baler, was $9,000—Now reduced To $8,000!
(3) 4-Basket Tedder Rakes

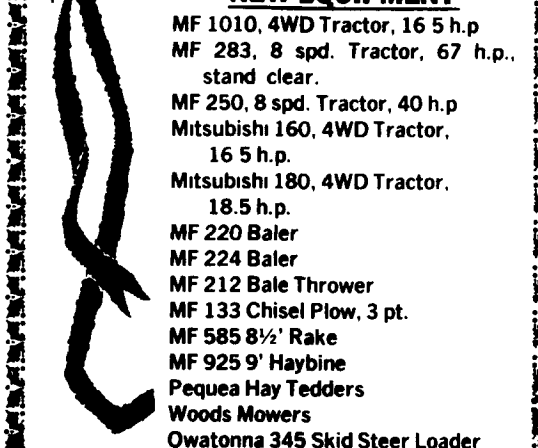
NEW VICON EQUIPMENT

(3) KM 321 Mower Conditioners 10' 6"
(1) KM 281 Mower Conditioner 9' 5"
(1) KM 240 Mower Conditioner 7' 10"
(4) Vicon Square Balers
(2) Single 4 wheel Rakes
(12) 100-500 gal. Sprayers w/elec. & manual controls & ground drive pumps
(3) 3 pt. Disk Mowers
(3) 1210 Round Balers
(1) 8-Wheel V-Rake
(1) 6-Basket Tedder, 20 Ft.
(20) Fertilizer Spreaders
(2) 4-Basket Tedders

USED EQUIPMENT

(1) Vermeer 605F Balers, $6,250
(1) Vermeer 605E, $3,400
(1) Vermeer 504G, $6,500
(1) Vermeer 6050 Baler
(2) CM 240 Disc Mowers (Demo)
(1) Vermeer 403F Baler, $5,200
(1) IH 225 Swather, Self Propelled
(1) 9 ft. NI Cutditioner
(1) NH 65 Baler

Special 2 Used Tye No-Till Drills
80 inch
3 pt Hitch **$2,200 ea.**



NEW EQUIPMENT

MF 1010, 4WD Tractor, 16 5 h.p
MF 283, 8 spd. Tractor, 67 h.p., stand clear.
MF 250, 8 spd. Tractor, 40 h.p
Mitsubishi 160, 4WD Tractor, 16 5 h.p.
Mitsubishi 180, 4WD Tractor, 18.5 h.p.
MF 220 Baler
MF 224 Baler
MF 212 Bale Thrower
MF 133 Chisel Plow, 3 pt.
MF 585 8½' Rake
MF 925 9' Haybine
Pequea Hay Tedders
Woods Mowers
Qwatonna 345 Skid Steer Loader

USED EQUIPMENT

MF 730 offset disc, demo
MF 300 combine early 1970's
MF 750 combine 1978, 1200 hrs
MF 760 combine 1977 hydro, less than 1,000 hrs
1976 MF 510 combine w/44 corn head
1977 MF 760 combine
1971 Gleaner G combine w/4 or 6 row heads
Used 2, 3, 4 and 6 row corn heads
1982 MF 245 Tractor
1972 IH 1066 Tractor
1972 IH 1466 Tractor w/duals & cab
1974 IH 1466 Tractor w/cab & air
JD 4020 Tractor
1974 JD 4430 Tractor w/cab
1974 JD 4630 Tractor
MF 440T Snowmobile

Used combines locally owned
Low Financing Available

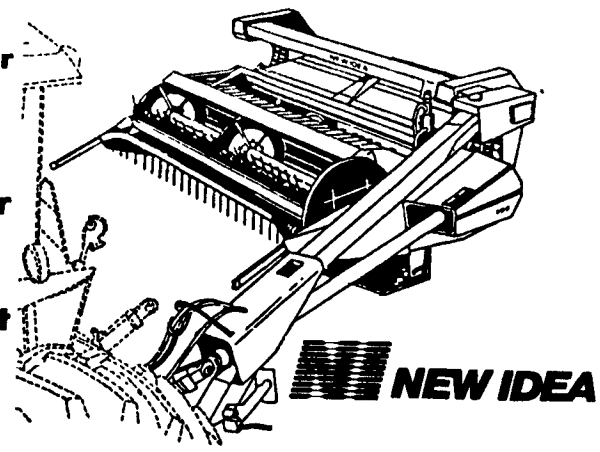
Radio Dispatched Service
Renting skid steer loaders.
We service all makes of equipment

ABRACZINSKAS
Farm Equipment, Inc.

RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

HIGH VALUE LOW COST

NI 509 Windrower (Demo) One Only
Large December Rebates
Think Investment Credits
Call for Details



NEW IDEA

Umberger's Of Fontana, Inc.

RD 4, Lebanon, PA (Fontana)
717-867-5161 or 717-867-2613
Mon.-Thurs.-7:30-5:00;
Fri.-7:30-8:00; Sat.7:30-4:00

Leaman Tractor Parts

P.O. Box 250
Willow Street, PA 17584
717-464-2874

Quality Used Parts
We buy and sell used parts and parts tractors. We have a good selection of quality used parts at competitive prices. Please have part no. when calling, if possible.

Just In For Parts
544 IH Utility Hydro. Tractor, 1800 Hrs. AC complete 4 wheel attachment to fit 6080, excellent condition.

USED TRACTORS

Deutz 130-06, 1976 model, 3200 hours, tires 80% tread with cab and in real good condition, $8,200
Farmall 856 gas, narrow front, good condition, $3,950
IH 756 diesel, wide front end, 3 pt. hitch, good clean tractor
IH 1066 cab, solid tractor with rebuilt TA, dual hydraulics, dual PTO
Farmall 656 diesel, 3 pt. hitch, good TA

Delivery Available Anywhere

Bell Ringer Specials

case PARTS VALUE OF THE MONTH

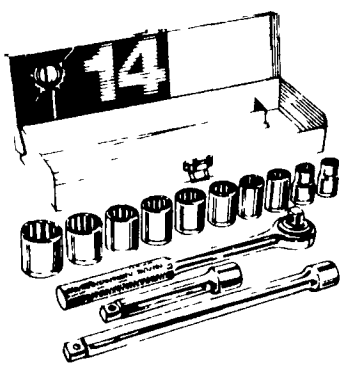
Ideal gifts for everyone in your family

Grand Prix Style Jacket
In style for any occasion For men and women this go-anywhere jacket has nylon outer shell with full quilted lining Belted collar Zipper side pockets and snap chest and arm pockets
Regular $49 95
Special $44.95 **YOU SAVE $5.00**

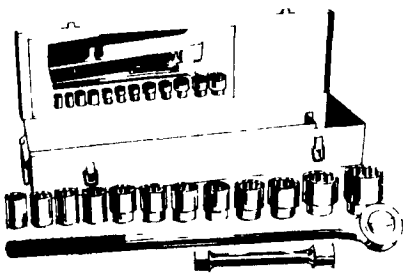
Concorde Jacket
Made of 65% polyester and 35% cotton the oyster colored poplin shell is accented with red cord piping Features slash pockets and a zipper front In enough sizes to fit everyone on your gift list
Regular $29 95
Special $27 95 **YOU SAVE $2.00**

Matching Cap
Oyster and red cap has poplin crown and visor Adjustable to fit 6 ⅞ to 7½
Special $4.45

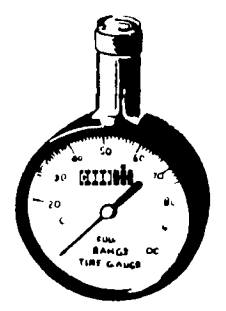
Case International 3294 Toy Tractor
This 1 16th scale model is an exact replica of the real thing Real steering and other moveable parts Sturdy rust-resistant metal that s finished with child safe baked enamel
Regular $24.95
Special $23.95 **YOU SAVE $1.00**



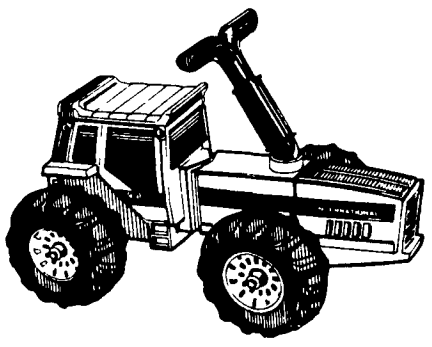
14-Piece 1/2-Inch Drive Socket Set
The perfect set for basic tractor work Contains ten 12 pt sockets 5 inch and 10-inch extensions ratchet metal box
Regular $55 95
Special $49.95 **YOU SAVE $6.00**



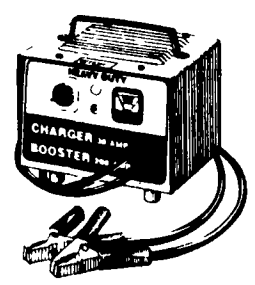
15-Piece 3/4-Inch Drive Socket Set
Every farmer wants this handy socket set Includes twelve 3/4-inch regular length sockets 8-inch extension 24-inch reversible ratchet, sturdy metal box Comes with replacement warranty — if a tool breaks in normal use return it to the selling dealer for a free replacement
Regular $204 45
(Individual piece price)
Special $119.95 **YOU SAVE $84.50**



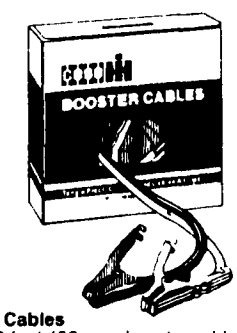
Tire Gauge
The perfect stocking stuffer Easy to read dial from zero to 100 psi Brass gear movement for accurate reading with air or solution Sturdy construction unbreakable crystal
Regular $6 66
Special $4.95 **YOU SAVE 26%**



Steerable Ride-On Tractor
Your child will have months of fun whipping around the room on this sturdy ride-on tractor Made of break-resistant plastic and designed for kids up to three years old, it measures 22 x 14 x 15⅝ inches The cab opens up for storage of smaller toys
Regular $17.95
Special $15.95 **YOU SAVE $2.00**



Heavy-Duty Charger-Booster
Keep on the go with this practical gift Fast charge delivers 30 amps slow charge 5 amps, booster up to 200 amps
Regular $139.95
Special $115.95 **YOU SAVE $24.00**



Booster Cables
These 12-foot 400-amp booster cables are designed to handle larger electrical systems Grips and tangle-proof cables are color coded and are oil grease and moisture resistant They re flexible to 70 degrees below Insulated grips have copper jaws
Regular $23 70
Special $18.96 **YOU SAVE $4.74**

Come see all the values we're unwrapping for Christmas!

case

MESSICK FARM EQUIPMENT, INC.

Farm Equipment Is Our Business
RHEEMS EXIT, RT. 283, ELIZABETHTOWN, PA.
Phone: (717) 367-1319, 653-8867 OR CALL TOLL FREE 1-800-222-3373 We Ship UPS

case ih
"The Best Of Two Worlds"

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CASE IH 496 DISC HARROW

w/Rock Flex Bearing Hangers And Long Lasting Earth Metal Blades

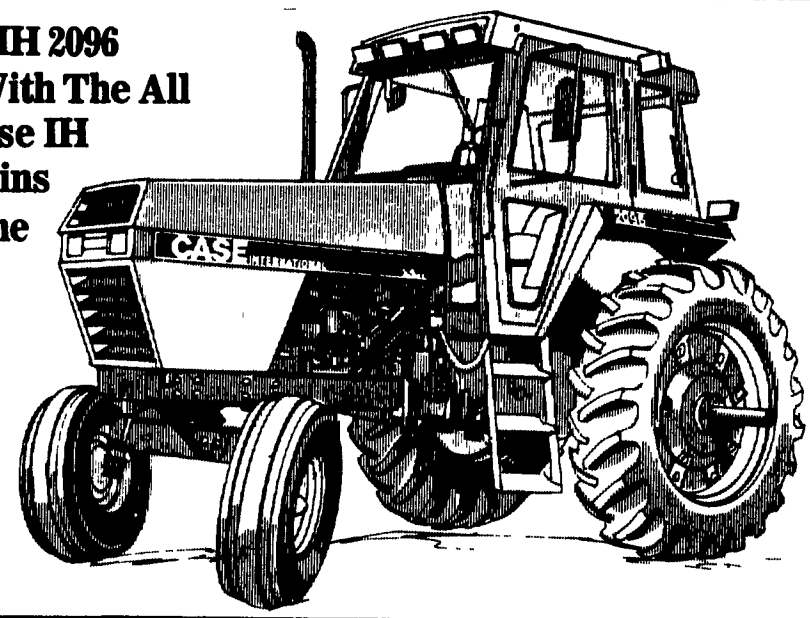
In Stock, Ready To Go

CALL FOR A DEMONSTRATION

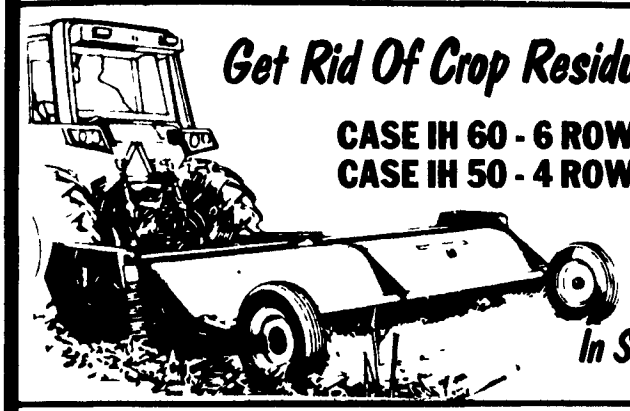
CASE IH 2096 Tractor With The All New Case IH Cummins Engine

115 H.P.

In Stock, Ready To Go



Get Rid Of Crop Residue In A Hurry!



CASE IH 60 - 6 ROW SHREDDER
CASE IH 50 - 4 ROW SHREDDER

w/4 Wheels & Shear Angle For Finer Shredding

In Stock, Ready To Go!

TIME'S RUNNING OUT FOR 1985 TAX INVESTMENT CREDIT, ETC.

GOOD CLEAN USED EQUIPMENT

TRACTORS
- Farmall 460
- IH 350 Fast Hitch
- IH Farmall Cub w/Mower
- IH 2444 w/Loader
- Ford 30 w/Mower
- IH 574 w/Loader, Ex Condition

PLANTING & SEEDING
- IH 400 Planter w/Liquid Fertilizer, 4 Row
- IH 400 Planter, 6 Row, w/Dry Fert
- Ontario Grain Drill, 16x7

TILLAGE
- Oliver 4 Row Cultivator
- IH Model 450 Plow
- 7 Tooth Glencoe Soil Saver

SPREADERS & GRINDER MIXERS
- NH 519 Spreader w/Top Beater Gate, Splash Guard
- NH 676 Spreader w/Hyd Gate
- NH 512 Single Beater
- NI 214 Spreader/Double Beater, Original Paint On Floor - Like New
- NH 790 Spreader w/Hyd Gate
- NI Tandem axle w/Top Beater, Ex Condition ONLY $3,850
- Hawk Tandem Axle 357 Tank Spreader, Hyd Lid Openers
- JD Tank Spreader, Single Axle w/Hyd Lid Openers

MISCELLANEOUS
- NH 960 Grain Platform 13'
- 1 Pr Dual Wheels & Tires 31x5 15-x15 8 Ply
- 1 Pr Dual Wheels & Tires, 18 4x26 6 Ply

SKID LOADERS
- NH L775 Diesel w/Backhoe
- Case 1737 w/Bucket & Manure Fork, Good Condition ONLY $3,950
- NH L425 w/Bucket
- IH 3200 Skid Loader w/2 Buckets

NH 1495 SELF-PROPELLED HAYBINE W/CAB

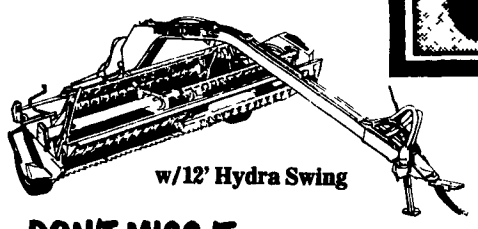
Air, Hydrostatic Drive, Diesel Engine, Excellent Condition.

HAY & FORAGE
- NH 275 Baler w/Thrower
- IH #40 Shredder, 4 Row
- NH 2 Row Snapper 30" Rows
- NH 718 Chopper w/Head
- IH 56 Blower
- IH 555 Forage Harvester w/Cornhead & Pickup Attachment
- NH 269 Baler
- NH 320 Baler w/Thrower (Ex Cond)
- NH 489 Haybine
- NH 852 Round Baler, Auto Tie, Excellent
- NH 479 Haybine
- NH 273 Baler w/Thrower
- Studebaker Truck w/No 8 Forage Wagon
- Hesston Mower Cond., 9 Ft Cut, Ex Condition
- (2) #8 Forage Box Wagons
- JD 60 Blower
- NH 238 Tandem Axle Wagons
- AC Forage Box
- Used Field Queen Self-Propelled Harvester, Cat Diesel w/Cab, 3 Row Head & Hay Pickup Head, Good Cond

TOP OF THE LINE USED EQUIPMENT
- Walsh 300 Gal. Trailer Sprayer w/Boom (Used 1 Time) ONLY $1,350
- 7 Tooth Glencoe Soil Saver, Ex.
- Brady 12 Ft. Field Cultivator

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Jay Gainer, Our Parts Mgr. At Home 653-2238.

NH 499 MOWER CONDITIONER



w/12' Hydra Swing

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MODEL 791 SPREADER
360 Bu., Extra Heavy Pintel Chain

0% FINANCING FOR 2 YEARS
On Hay and Forage Equipment, Spreaders And Grinder Mixers

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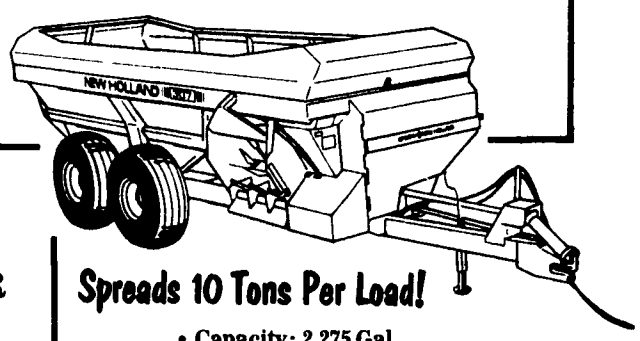
A Model To Fit Any Size Farm Operation

NH MODEL 680 *Box Spreader*

"A FREE SPREE"
Receive FREE Slurry Sides & Hyd. Endgate or FREE Upper Beater & Hyd. Endgate w/Purchase. Value $1,335

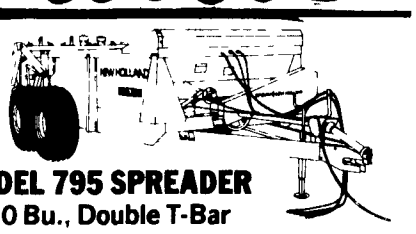
SPREAD SLURRY MANURE QUICKLY & EVENLY
NH MODEL 307 SLURRY SPREADER



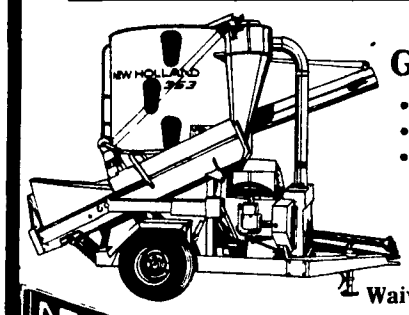
Spreads 10 Tons Per Load!
- Capacity: 2,275 Gal.
- Tandem Axle w/Flotation Tires

0% Financing On 24 Months

In Stock And Ready For Demonstration



MODEL 795 SPREADER
410 Bu., Double T-Bar Chain



NH MODEL 353 GRINDER MIXER
- 16" Hammermill
- 80 Bu. Tank
- 1 Screen Heavy Duty PTO

One Only

ALL THIS FOR ONLY $5,975

Waiver of Finance Till Sept. 1, 1986

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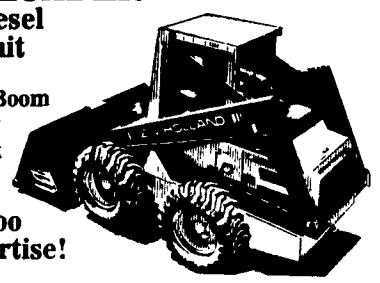
42 H.P. Diesel Demo Unit
- Extra Reach Boom
- More Stability
- Less Spillback



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JD 3950 Fg. Harv.
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JD 530, 430 & 330 Rd. Balers
JD 7000 4 & 6R Consv. Planter
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JD 8300 18x7 Drill
JD 716A Fg. Wagon

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JD 3010 Tractor
JD 2940
JD 2940 w/MFWD & 260 Loader
JD 1530
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JD 830 Mower Conditioner
JD 1326 Mower Conditioner
JD 2RN & 2 RW C H.
JD 336 Baler
JD Transport Disc
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NH 900 Fg. Harvester
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NH 479 Haybine
NH 2R Snapper Head for Fg. Harv.
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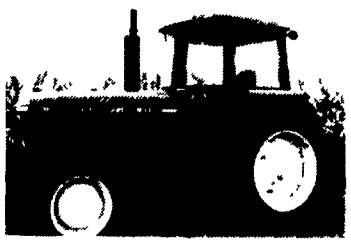
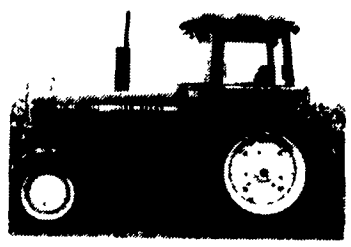
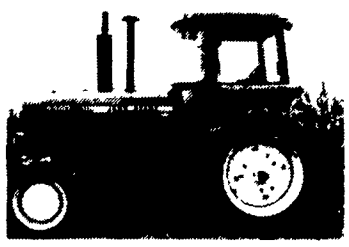


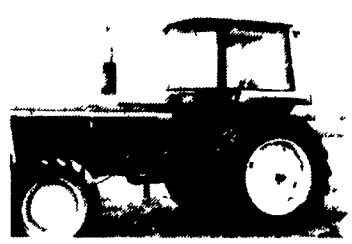
JD 4040
4 WD, 1982 model,
Like New
$17,000



JD 4240
4 WD, 1982 Model,
Like New
$19,500



JD 4440
4 WD, 1981 Model,
Like New
$23,000



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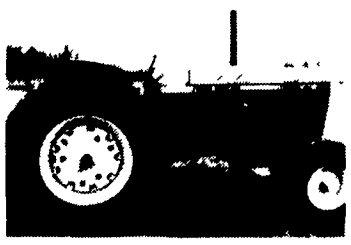
4WD, 1977 Model,
Very Nice
$14,800



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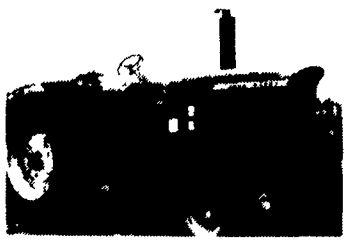

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Excellent Condition
$7,500

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JD 3020, WF, new tires	$5,900
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881 Forage Harvester
600 Blower
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560
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IH 674
IH 574
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IH 544
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IH Cub & Cultivator
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IH B414	IH 560D		Case 1845 D Skid Loader

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IH 440 w/thrower
NI 456 Round
JD 24T w/launch
IH 37
IH 430 w/throw
OMC 595 Round
NH 851 Round

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Gehl 99-56'
Papec 54-54'
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Kools KB60-60"
NH 30-30' -1000 PTO
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Oliver 3pt-2row
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Brady 722-6ft
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Gehl 600
Papec 180
Fox 3000
NH 880
Fox 2000
IH 830
IH 15

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NI 311-2 row
IH 2MH-mounted
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JD WRA disk-13'6"
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768, 3RWN
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OMC 229-9ft
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IH 990
NI 272
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Walsh 500 gal
Walsh 300 gal

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NI 218
NI 213
NI 212
Hawkbilt 357
Hawkbilt 207
Hawkbilt 157
NI 224
IH 550
NH 790
Starline 930
NH 519
IH 595
JD 54
Hesston 1440 tank
NH 676S
NH 365
NH 791
Badger 205

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IH 710-4x16 auto
JD 345-4x16-auto
IH 450-4x16-auto
AC 2x12 trailing
AC 4x16-auto
Brady 700 ch 11'
Case 3 pt Chisel
Case 5x16
Kasco Chisel 9'
Ford-4x16 3 pt
Long-3x16
IH 700-5x16 auto

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IH 800, 4R Corn Planter
IH 800, 6RN Corn Planter
IH 400 cyclo
IH 56 plate
JD 7000-6rn
White 543, 4RN
Ford 311-4row
IH 455-4row
JD 494A-4row
IH 449-4row
AC 600-4row-air
IH 800-6rn-cyclo
JD 1440-4row

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Badger 14ft
IH 51-16ft
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NH 6-14ft
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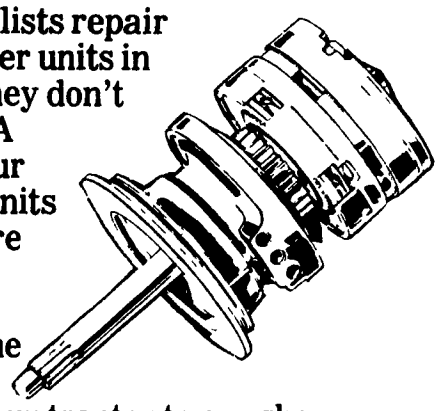

Our TA Specialists repair torque amplifier units in IH tractors; they don't just replace TA assemblies. Our complete TA units for 706 - 1586 are priced at $595 with a 2 year warranty on the Dana Sprag. We can haul your tractor to our shop or you can bring the center housing to us and we'll repair the TA while you wait.

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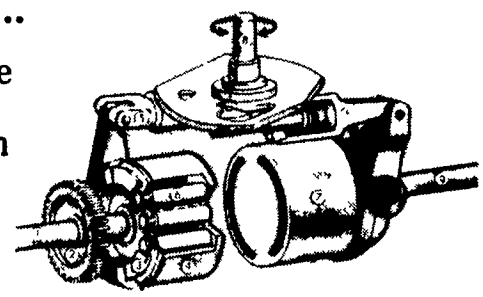

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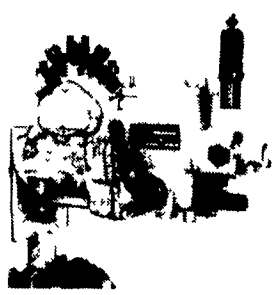

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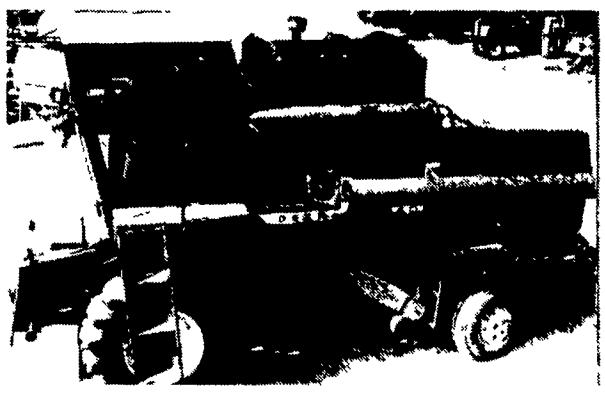
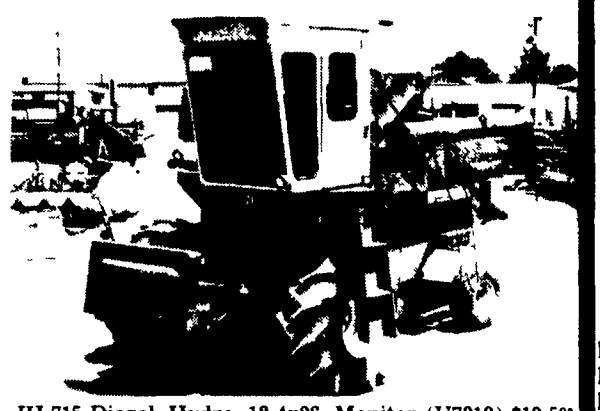


John Deere 4400 Diesel, 18.4x26, A/C, Straw Chopper (U9806)



IH 715 Diesel, Hydro, 18.4x26, Monitor (U7818) ~~$12,500~~ $8,750 Save $3,750

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Versatile 160 w/Loader, Diesel, Hydro, 13.6x24 Tires, PTO, AC (W1364) ~~$22,500~~ $19,500

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Case 2390 Tractor, Like New Only 273 Hours, Powershift, 20.8x38 Duals PTO (W9997) ~~$28,500~~ $27,000 Save $1,500

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Ford CL-20 Skid Loader, Gas 8.50x15 Tires, 45" Bucket (W1183)

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IH F1466D, 24.5x32 10P Tires, 11.00x16 8P, Dual PTO, (W1125) ~~$13,500~~ $12,400 Save $1,100

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IH F1466D Gear, 145 HP, 24.5x32 10P Tires, Aux. Fuel Tank, (W9236) ~~$14,900~~ $12,900 Save $1,900

IH F1066D Gear, 135 HP, 18.4x38 Tires, Dual PTO, T/A (W1058) ~~$13,500~~ $12,200 Save $1,300

IH F826D Hydro, COMPLETELY RECONDITIONED, 18.4x34 Tires, Dual PTO (W9743) ~~$10,500~~ $9,200 Save $1,300

IH F656 Gas, Gear, 3 Point, TA, PTO, (W9194) ~~$6,500~~ $4,900 Save $1,600

IH F1086D, ROPS, 20.8x38 8P Tires, Dual PTO, T/A, 145 HP, Excellent Tractor (W8729) ~~$17,500~~ $15,200 Save $2,300

IH Farmall 200 Gas, 11.2x36 Tires, Fast Hitch, PTO

IH Farmall Super C w/Cultivator, 2 Row (W8569) ~~$1,500~~ $1,250 Save $250

MF 35 Gas, 13.6x28 Tires, PTO, Heavy Loader w/Down Pressure. (W1093) ~~$5,400~~ $4,300 Save $1,100

Steiger ST 300 Cougar III, Cat 3306 @ 300 HP, 30.5Lx32 Tires, Cab w/Air (W1273) $27,500

Case 2290, Like New, Power Shift, PTO, 20.8x38 Tires (W1239) ~~$22,500~~ $21,500 Save $1,000

OTHER USED EQUIPMENT

IH 550 Plow, 5f, 14" Spring Trip, (T9857)

IH 710 Plow, 3F, 16, Auto Reset, Semi-Mount (T9916)

IH 540 Plow, FF, 16" Spring Trip (T9725)

Athens Model 156 Chisel Plow, 3 Point, 7', Depth-Gauge Wheels (T1284)

IH 55 Chisel Plow, 13' Mounted, 3 Rank, 32" Shanks, Gauge Wheels (T9894)

Krause Model 2416 Rockflex Disc, 26' Heavy Duty, 1¾" Arbor Bolts (T9020)

Deere Model 210 Disc - 12' 9" Spacing, 20" Blades (T9074)

IH 510 18x7, Grain Drill w/Fertilizer, DD Openers (V9905)

Deere 8300 Grain Drill, 16 Double-Disc Openers, 10" Spacing, Press Wheels (U9922)

IH 540 Manure Spreader, 160 Bushel, Hydraulic Endgate, 8.25x20 Tires (V9769)

IH 595 Spreader, Hyd. Endgate, Dual Web, Upper Beater. Consignment (V9830)

IH 7' Cycle-Bar Mower, 2 Pt. Hitch (U1305)

Deere 110 Disc, 10' 9" Spacing (T8034)

Bush Hog Disc - 10' 9" Disc Spacing - Front, 7½ Rear, (T9109)

Brillion STT-01 Spring Harrow - 16' (T9185)

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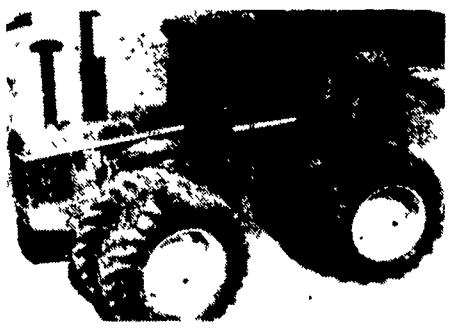
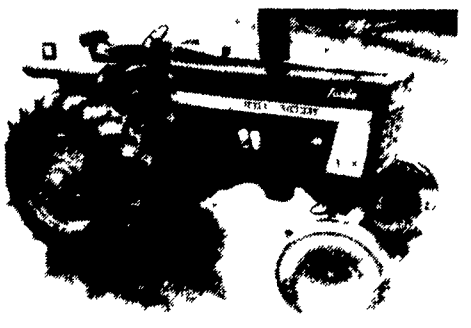
USED TRACTORS

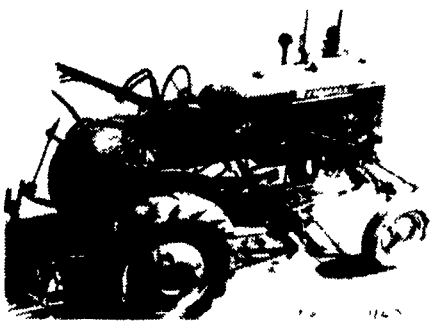


Deere 8630 4-Wheel Drive, Diesel, Quad-Range, A/C, PTO, 3 Point Hitch, 20.8x38 Duals (W1333)

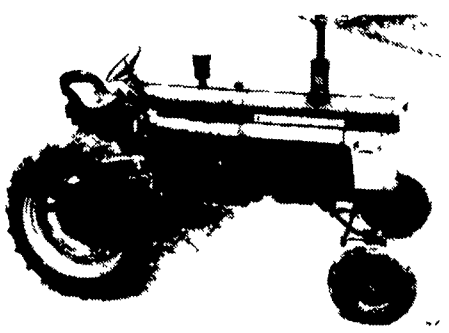
Deutz DX-160 Diesel, Cab w/Air, 18.4x38 Duals (W9694) ~~$25,000~~ $18,900 Save $6,100



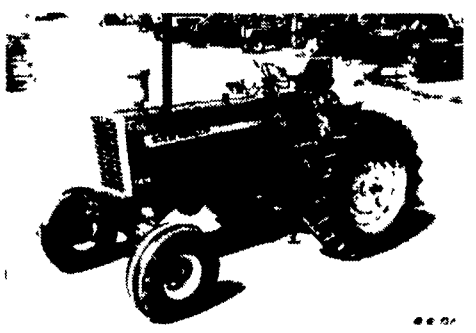
IH F1066D, 18.4x38 8P, Dual PTO, Gear (W1316) ~~$12,500~~ $11,700 Save $800



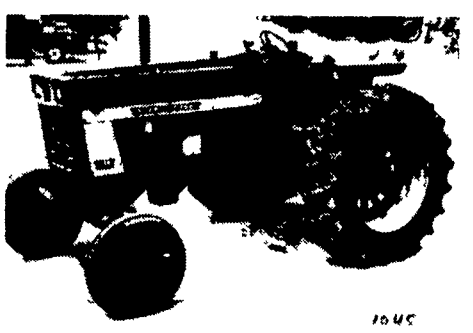
IH Farmall A w/Cultivators, Rear Wheel Weights 9x24 Tires (W1143)



IH F560 Diesel, Gear, 2 Point Hitch, Wide Front (W9263) ~~$4,000~~ $3,200 Save $800

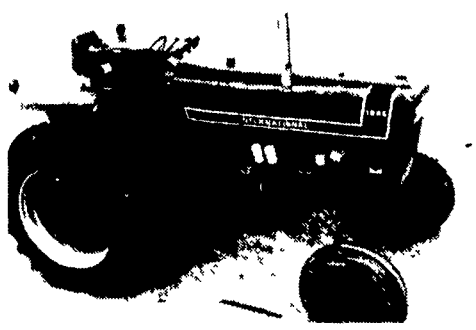


IH F1206D, N ew 18.4x38, Dual PTO, Extra Sharp Tractor (W9890) ~~$8,500~~ $7,500 Save $1,000



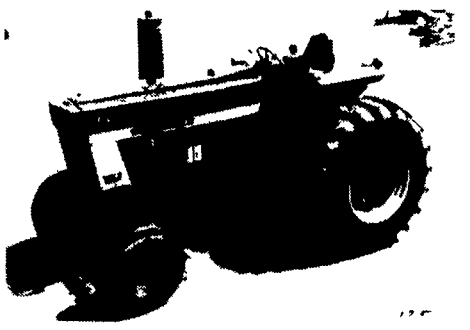
IH F1066D Hydro, 20.89x38 8 Ply Tires, Dual PTO (W1045) ~~$12,200~~ $10,500 Save $1,700

Case 2390 Tractor, Like New Only 273 Hours, Powershift, 20.8x38 Duals PTO (W9997) ~~$28,500~~ $27,000 Save $1,500

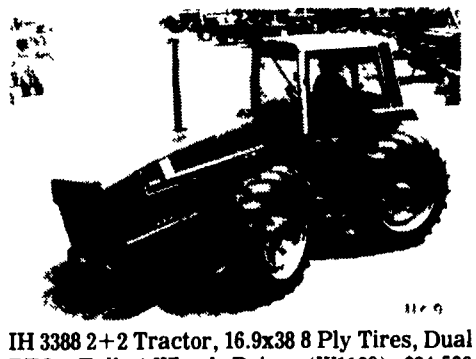


IH F1066 D Gear, 135 HP, 14.8x38 Tires, Dual PTO, 3 Point Hitch, T/A, Sharp Tractor (W9599) ~~$15,075~~ $12,900 Save $3,075

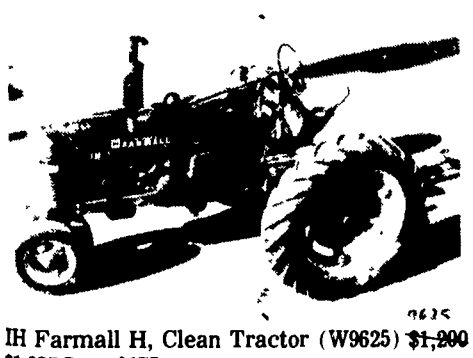
Ford CL-20 Skid Loader, Gas 8.50x15 Tires, 45" Bucket (W1183)



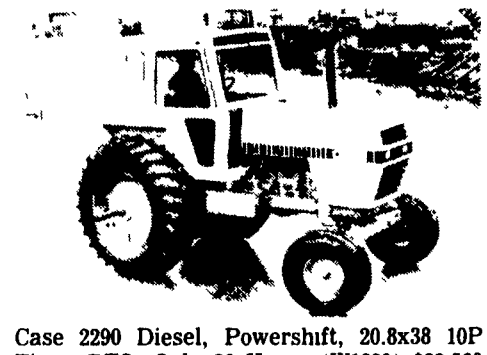
IH F1466D, 24.5x32 10P Tires, 11.00x16 8P, Dual PTO, (W1125) ~~$13,500~~ $12,400 Save $1,100



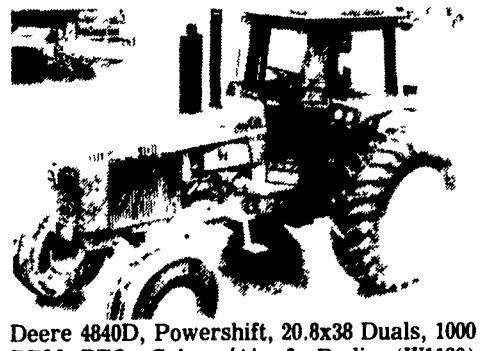
IH 3388 2+2 Tractor, 16.9x38 8 Ply Tires, Dual PTO, Full 4-Wheel Drive (W1109) ~~$24,500~~ $22,500 Save $2,000



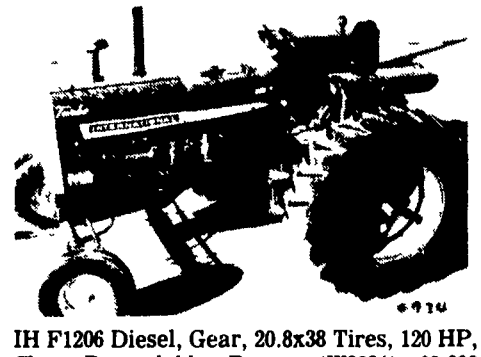
IH Farmall H, Clean Tractor (W9625) ~~$1,200~~ $1,025 Save $175.



Case 2290 Diesel, Powershift, 20.8x38 10P Tires, PTO, Only 36 Hours (W1239) ~~$22,500~~ $21,500 Save $1,000



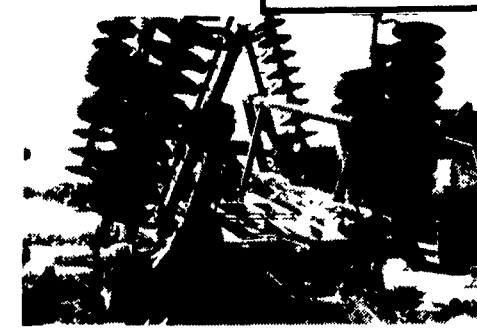
Deere 4840D, Powershift, 20.8x38 Duals, 1000 RPM PTO, Cab w/Air & Radio (W1180) ~~$28,000~~ $26,500 Save $1,500



IH F1206 Diesel, Gear, 20.8x38 Tires, 120 HP, Cheap-Dependable Power (W8934) ~~$9,000~~ $7,000 Save $2,000

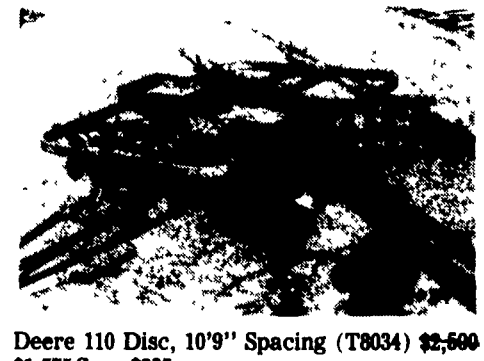
USED DISKS

Deere Model 210 Disc - 12' 9" Spacing, 20" Blades (T9074) ~~$2,500~~ $1,950 Save $650



Krause Model 2416 Rockflex Disc, 26' Heavy Duty, 1¾" Arbor Bolts (T9020) ~~$13,000~~ $12,900 Save $1,000

Bushhog Disc 10'9" Disc Spacing - Front, 7½ - Rear (T9109) ~~$2,150~~ $1,400 Save $750



Deere 110 Disc, 10'9" Spacing (T8034) ~~$2,500~~ $1,575 Save $925

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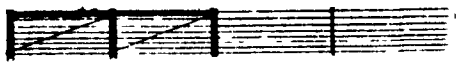

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JD 2510
JD 2640 w/loader, like new
JD 2940, excellent cond.
1977 JD 4430 w/cab & air power shift
JD 4320, cab & air
JD 2510 Gas
JD 820 Diesel
JD 4010
JD 4020 w/cab
JD 4020 side console
JD 3020 Diesel
IH 1086 cab & air
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IH 966
IH 574, like new
IH 806
IH 766 w/cab
IH 656 utility w/loader
IH 666 gas
IH 364 w/power steering
IH 84 hydro, 500 hrs.
Farmall Cub w/new Woods mower
Ford 3400 w/Loader
Ford 1700, 200 hrs.
AC 210 diesel
AC 170
MF 205, 4WD
David Brown 1200
Satoh 4WD w/loader, used 200 hrs.
Kubota L305F diesel w/front wheel drive, like new

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Int. 6 btm. Toggel trip high clearance plow
Large selection of 3 to 7 btm. plows

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Gehl 120
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444 JD corn heads
443 & 643 corn heads
JD 3300 combine
1975 JD 4400 diesel
Large selection of JD 2, 3, 4 & 6 row corn heads
JD 4400 gas, rotary screen

USED PLANTERS

JD 7000 4 row Dry fertilizer
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Used Moore no-till grain drill

USED HARVESTERS

Fox 2 row snapper head
Fox Custom 90

Gehl flail head, excellent condition

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NH 472 haybine
NH 489 haybine
Gehl 1090 haybine
NH 310 w/thrower
Gehl 1500 Round baler
Large selection of hay rakes
M-C 7' rotary sythe, used on 100 acres
Large selection of used rakes
NH 275 baler w/kicker
NH 1010 Stacker Bale Wagon
NH 1033 Stacker Bale Wagon

New Farmhand grinder blower

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Int. 510 grain drill
JD 30 ft. Implement Trailer
Large selection of smaller discs
Danco hydraulic rear unloading silage wagon on tandem running gear
1974 GMC w/new 16' grain body & hoist w/air brakes
Badger 16' Forage Wagon, 3 Beaters w/roof, tandem running gear
New Farmhand loaders for IH and JD tractors
NI 323 1 row picker
NI 2 row wide, 12 roll, $3,000.
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*4066 IH 1066
5927 IH 966
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*5835 IH 986
*5739 IH 1066
*5731 IH 656
5793 Deutz DX 160
3335 JD 8630
*5784 JD 4630 w/Cab, Duals
5700 NH 778 Skid Steer Loader
3487 Steiger ST210

MISC. EQUIPMENT

4031 NI 212 Manure Spreader
3861 IH 1250 Grinder Mixer
*3773 JD 201 Trailer 32'
5484 IH 2001 Loader
5487 NH 280 Baler
3561 NH 495 Haybine
3111 Agrotec 400 Gal. 30' Sprayer
3818 NH519 Manure Spreader
3837 NI 245 Manure Spreader
3900 John Blue 1000 Gal. Sprayer

COMBINES

*4074 MF 750
*4058 AC N6
*4090 NH 1500
*3866 NH 1400
*3057 JD 7700 w/Chopper
*3058 JD 7700 w/Chopper
*5447 IH 1480
*3784 IH 1440
*3775 IH 1460
*3882 IH 915
*3983 IH 915

TILLAGE

6103 Sunflower HB Chisel Plow 27'
5277 IH 55 Chisel Plow
*3840 IH 560 Plow
*3841 IH 540 Plow
5868 IH 370 Disc 12'
3799 IH 470 Disk 14'
3805 Brillion 21' Crowfoot Packer
5615 Brillion SC-01 Filed Cultivator, 20'
3607 Brillion 32'8" Crawfoot Packer
3661 Brillion Field Cultivator, 29 shanks
5054 Krause 2143 Disc 42'
5457 Krause 2413 Disc 23'
5578 Krause 3 Bar Harrow
5561 JD 210 Disc 13'
3453 JD 5 Bot. Plow
5419 JD 22 Shank Chisel Plow
6247 J.D. 310 Disk
5121 Dunham Lehr 29' Crowfoot Packer
5534 Glencoe Soil Finisher, 20'
3301 Wilrich Field Cultivator, 37'

MOWERS

5577 Rhino 20' Flex Wing Mower
5702 NH 462 Disc Mower

PLANTING EQUIPMENT

3285 Tye No-Till Drill, 20'
5713 IH 510 Drill
2763 IH 620 Tandem Full Press Drill
5786 IH 510 Drill
5765 JD 246B Drill

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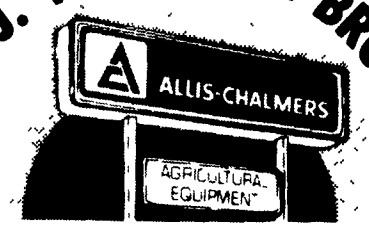

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Farmall 400
Farmall H w/loader
Farmall A w/1-B Plow & 1 row cultivator
MF 180 D w/loader
MF 50 Gas w/loader
JD 2750 D, w/40 hrs like new!
JD 2630 D, Excellent!
JD 3010 D
JD 630 w/wide front end
(2) JD 60 Gas
Oliver 1855 D wide front end Excellent!
Oliver 500 D w 3 pt
AC 190XT D w cab
AC 185 D
AC 180 D
AC D19 D
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Gleaner FKS w/cab, 13' grain & 438 corn heads
Gleaner KKS w/cab, 10 grain & 238 corn heads, EX CELLENT!
Gleaner CII w/12 grain & 438 corn heads
Gleaner E w/cab 10 grain & 238 corn heads
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IH 315 w cab grain & corn heads
IH 93 w/10 grain head
NI Uni System 702 w 717 combine 4 row corn head

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JD 13' Transport Disc
JD 10' Transport Disc
Oliver 6B semi-mt Plow
MF 520 10' Disc, like new!
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AC 9 Transport Disc
Kewanee 10' Mulcher
Brady 630 Shredder

MISC
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NH 510 3 beater, 165 BU
NH 676 Hyd Endgate 320 BU
Farmall 550 Hyd Endgate 200 BU
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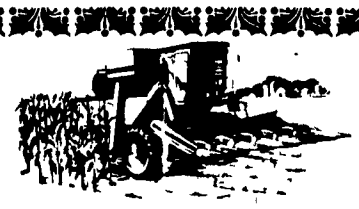

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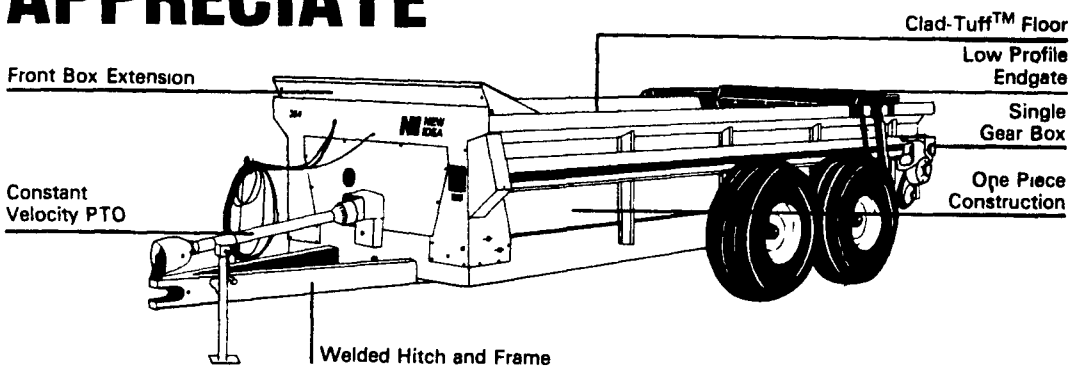

Model 362 5 Ton Single Axle, Hyd. Endgate, Upper Beater..... $5,340
Model 363 8 Ton Tandem Axle, Hyd. Endgate, Upper Beater, Regrooved Tires..... $7,300
Model 365 11 Ton Tandem Axle, Hyd. Endgate, Upper Beater, Regrooved Tires..... $8,425

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NI 323 1-Row Picker
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USED TRACTORS

A.C. 6080 Fully Weighted
JD 620 Tractor

UNI EQUIPMENT

709 Uni Tractor w/Rear Wheel Assist, Fully Wgted
702 (Gas) Uni Tractor
760 Uni Chopper
762 Chopper Head (2 Row)
724 Stripper Head (3 Row Wide)
729 A Sheller
766 Pickup Head
844 N Cornhead
813 C SOLD lead
717 Combine

MANURE SPREADERS

NI 213 Manure Spreader
NI 245 Manure Spreader w/End Gate
NI 218 Spreader w/Hyd. Endgate
NI 206 Ground Drive Spreader
Starline 930 L.H. Tank Spreader

COMBINES & CORNHEADS

1976 KKS Gleaner Combine w/10 ft. Hdr.
1974 300 M.F. Combine w/10 ft.
AC 238 (2 Row) Corn Head
M.F. Qt. 24 Corn Head
MF 322 Corn Head (3 Row Wide)

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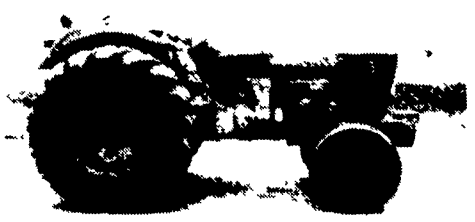
NH 1495 SOLD Planetary SP Haybine
NH 495 (12 ft.) Haybine
NH 489 Haybine
NH SOLD ybine (7 Ft.)
NH 47 SOLD ine
NH 488 H SOLD
JD 1219 Haybine
NH 469 Haybine
NH 1495 Hydrostat with Air
NH 320 Baler w/No. 70 Thrower
NH 320 B SOLD #75 Thrower
NH 1010 Automatic Bale Wagon
NH 770 R-2 Chopper Head (2 Row Wide)
NH 880 N-2 Corn Head
890A, 890W, 890-N-3 (3 Row Narrow Chopper Head)
NH Super 23 Forage Blower
NH 27 Forage Blower
NH 717 Super Forage Chopper
NH 890 Forage Harvester
Int. 650 Forage Harvester
Hesston PT10 Haybine
Hesston 1010 Hydroswing Haybine
Int. 430 Baler
Fahr 17 Ft. Hay Tedder
MF #12 Baler w/Thrower
717W Pickup Head
741 1 Row Chopper Head

MISC.

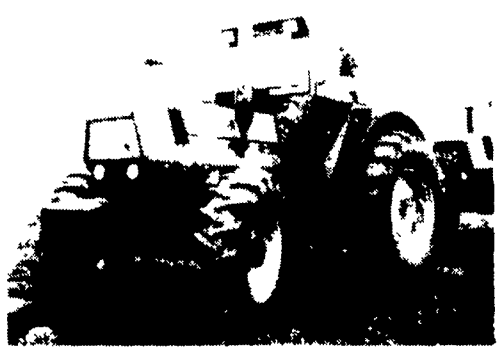
NH 352 Grinder Mixer
450 Art-Way Grinder Mixer
731 Bobcat Skid Loader

DEUTZ ALLIS · NEW IDEA · SPERRY NEW HOLLAND

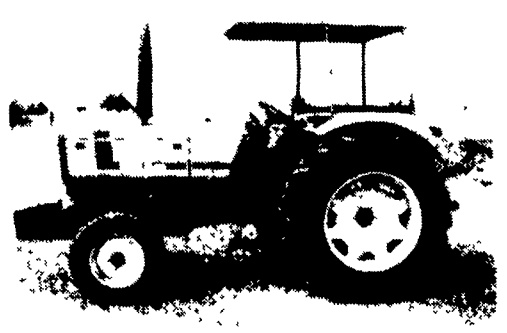


Used 6006 In Perfect Condition, 12F/4R Transmission, Dual Remotes, 540/1000 PTO 2,000 Hrs.

DX 7.10 145 HP, 36F/12R Powermatic Transmission, Cat. III 3 Pt. Hitch, 18,739 Lb. Lift Capacity, 27.3 GPM Hydraulics.



DX 6.50 120HP, 24F/8R Powermatic Transmission, Optitrac 4WD, Cat. III 3 Pt. Hitch With 14,330 Lift Capacity, 24.0 GPM Hydraulics.

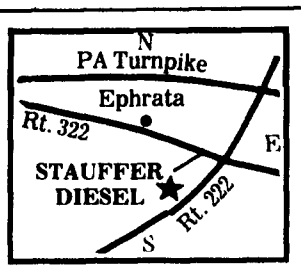


DX 3.30 51 HP, 8F/4R Syncromesh Transmission, Differential Lock, Independent 540 PTO, Cat. I 3 Pt. Hitch, 5,291 Lb. Lift Capacity, 13.5 GPM Hydraulics.

Stauffer Ag Division

Div. of
Stauffer Diesel Inc.

NEW LOCATION AT RT. 222/322 INTERCHANGE
R.D. 3, Box 369B Pleasant Valley Road
Ephrata, PA 17522
(717) 738-2500



Do Yourself A Favor

Stop in to see and test drive the best tractor your hard-earned money can buy. We have tractors in stock from 33 to 145 hp, 2 and 4 wheel drive. With this variety, we can meet your every need. Also, you not only get a quality tractor, you also have an experienced staff and unequaled parts distribution to back it up.

DEUTZ FAHR

DEUTZ

The Economical Solution

KHD

Get your Deutz tractor checked and repaired by our factory trained staff during our Winter Special

10% Parts Discount On All Tractor Repairs Over $500

Plus 30, 60 or 90 day payment terms with approved credit and 25% down payment.

Offer ends February 28, 1986

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067
PHONE: 717-866-2135
TELEX 316290
NIGHTS, PHONE: 717-866-7147 or 717-273-9089

JOHN DEERE TRACTORS

A w/Widefront	$1500
730 Gas-Try	$2900
3010 Gas-Try	$2900
R-New Paint	$2900
730D-Try-3 pt.-Direct Ele.	$3200
420-WF-3 pt.	$3450
2020-Poor	$3850
730 Diesel-Try-3 pt.	$3900
435 Diesel-WF-3 pt.	$3950
730 Diesel-WF-3 pt.	$4500
JD 301-WF-3 pt.-1971	$4850
JD 2010 w/Loader	$4900
4020D-Diff.-1967-As Is	$5400
3020 Gas-Console-WF	$5900
3020 Diesel-WF	$5900
3020 Diesel-WF-3 pt.-Rollbar-Syncro	$5900
JD 301 w/Mower-Clean	$5900
5020	$5900
2520-D-WF	$6900
3020 Diesel-WF-3 pt.-Side Console	$6900
4020-Very Nice	$7500
3020 D-SC-PS-DIFF, WF	$7900
5020-Duals	$7900
5020-Cab	$7900
4230-4 WD-Cab-Quad-Excellent	$15,500

MASSEY FERGUSON TRACTORS

30-WF-3 pt.	$2450
35 Diesel-New Paint-Nice	$2900
35 Gas-WF-3 pt.	$3450
165-Poor	$3600
65 Utility Diesel-Rebuilt Multi Power.	$4650
165 Diesel-Nice	$5450
1080D-1969.	$5900
1130-New Paint	$5900
150-Sharp	$5950
1150-Cab-Duals-Sharp	$8900
40B w/Idr.	$8900

FARMALL TRACTORS

W4	$950
H-Fenders-Clean	$1500
Cub-Hyd-Snow Plow-SB Mower	$1850
460-Gas-Try	$1900
Super A w/Cult.	$2200
(2) 560 Gas Each	$2400
Super C w/Cult-Sharp-Sharp	$2650
404	$2800
404 w/Mower	$2900
Super AV w/Cultivator- New Paint.	$2900
560-D-WF-FH	$3500
350 Utility w/Rotary Mower	$3600
460 w/Loader	$3900
140 w/Woods Rotary Mower	$3950
560D-Clean-Wide Front-FH	$4500
826	$4900
374-Cab-Clean	$4950
100 Hydro-WF-3 pt.	$5400
424 w/Idr.	$5900
544 w/Ind. Rotary Mower	$5900
574-Cab-1975-4300 Hours-Nice	$5900
656D-Hydro-Clean	$6500
574-Cab-1977-Nice	$6500
966-WF-3 Pt.	$6500
574-Cab	$6700
756-D-WF-Nice	$6900
784-Cab-3500 Hours-1978	$6900
684-Cab-1980-Nice-2300 Hrs.	$7900
584 Diesel-1980-1100 Hours	$8900
784-4 WD-Cab-Nice-1979-2700 Hrs.	$9950

OLIVER & WHITE TRACTORS

1800	$2600
Super 55	$2900
1265	$3500
1650 Gas-New Tires	$4500
1950T	$4900
1800-Cab-Nice	$4950
1850 Diesel	$5900
4-180 Duals, Cab, 3 pt. PTO-1977 Air-1800 Hours	$14,900

IMT, LONG & OTHER TRACTORS

Long 460-1978-As Is	$2500
Kubota B7100 w/Idr.-4WD	$4800
Kubota B7000-4WD-Rotovator	$5400
Kubota L185-4WD-Loader	$5950
(2) Long 610-Hi-Clear	$6900
IMT 539-New	$6995
360 4 WD-New-Was $13,690	$9873
460 4 WD-New-Was $15,373	$11,119

CASE TRACTORS

350 w/Loader	$2850
930 Diesel	$2900
1070 w/Cab-As Is	$4500
1070-WF-P.Shift	$4500
680 w/Idr.	$4900
2670-Cab-Duals-3 pt.-PTO	$9900

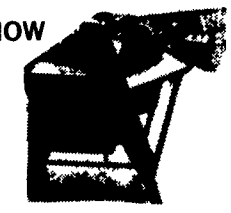
FORD TRACTORS

6000D-Wide Front	$2000
800 w/Idr.	$3900
8000	$5800
3000	$5950
2000 w/Mower-CLEAN	$6500
8000D-Weights-38" Rubber	$6500
(2) 6600-Cab-1977-Dual Power Each	$6900
6600-Cab-1977	$6900
(2) 3550 w/Idr. Choice	$7900
8400 w/Idr.	$7900
6600D-Flat Deck-1976	$7900
4600D-1981	$7900
8000D-Cab-Duals-Wts.	$7900

ALLIS CHALMERS TRACTORS

D19 Diesel-has Loader	$2850
185	$4900
190 Diesel w/Loader	$4900
7000-Cab-Poor	$4900
7050-Cab-Poor	$4900
190 XT Series 3-Cab-Nice	$6900
200-No Cab-Nice	$6900
220-Very Nice	$6900
185-Wts.-Very Nice	$8500
185 Cab-Air-1978-2200 Hours	$9900

SITREX 3 PT. WOOD SAWS
ON STOCK NOW
$399
~~$450~~



IH 684 1980, 2300 Hrs., TA, Clean $7,900

IH 574 Cab 1975 4300 Hrs.-Nice $6,500
IH 574 Cab 1977 3400 Hrs.-Nice $6,900

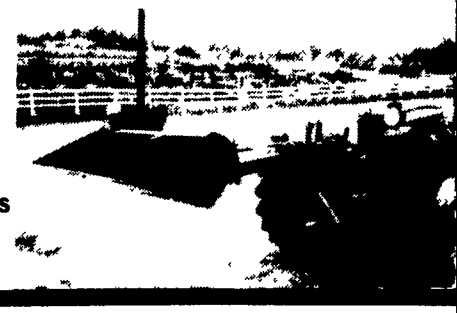
SITREX P.T.O. TEDDERS
SPECIAL EARLY ORDER
For 2-Wheel Pulls or 3 Pt.
$895
ON STOCK

4 Wheel Pull . . . . . On Stock ~~$1795~~
3 ONLY
REDUCED FOR CLEARANCE . $1595

EXCEPTIONAL BUY

New 3 Pt. Loader w/ Snow or Dirt Bucket ONLY $695

Ford 6600-1977's
Choose From 3 With Cabs
(2) Have Dual Power
CHOICE $6,900



CONSTRUCTION EQUIPMENT

NEW 1985 TRAILERS ON SPECIAL
• 2 Axle, 4 Ton, 14 Ft. $1,595

DOZERS

Case 310	$4850
Case 750	$4900
IH TD6-62 Series	$5400
AC HD4-6 Way	$7750
(2) AC 653-6 Way-Each	$8750
JD 350B	$9800
JD 450	$9800
Case 350 6 Way	$9800
Cat D4D	$10,750
JD 350C-6 Way	$12,750
JD 450B-6 Way	$13,750
Case 350B 6 Way-1979	$15,900

FORKLIFTS

4000 lb , Solid Tires, Side Shift	$1500
3 pt. Attach-NEW	$2495
Yale 4000	$2500
MF 205-RT	$4900
Erickson 5000 lb -RT	$4900
Clark 8000 lb RT	$5900
Hyster 10 Ton	$9900
IH 4500	$12,500
Sanderson SB70	$18 500
IH 4500-CAB	Coming In

RUBBER TIRED LOADERS

Hough H25	$2500
Little Dipper	$2900
Michigan 55	$3900
Hough 30R	$5900
Trojan 164 Diesel	$5900
Case W9D	$6900
Michigan 55 GM	$8900
Terex 72/31-1972	$16,500
Case W26B	$24,500
Ford A62	$24,500
Ford A64 1978	$26,500
Cat 920-1978	$29,500
Trojan 264-GM Diesel	Coming In
Fiat 645B	Coming In

SKID STEER LOADERS

Gehl As Is	$1500
IH 4120	$3450
Case 1740D	$5800
Melroe 825D	Coming In

TRACTORS WITH LOADERS

Case 350	$2850
AC D19	$2850
Ford 800	$3900
IH 460	$3900
Kubota B7100-4WD	$4800
Case 680	$4900
AC 190	$4900
JD 2010	$4900
MF 135.	$5750
Kubota L185 4WD	$5950
IH 424	$5900
Ford 420	$6750
(2) Ford 3550 Each	$7900
Ford 8400	$7900
MF 40B	$8900

BACKHOE ATTACHMENTS

JD-Case-AC Long 3 pt
McConnell 3 pt

CRAWLER LOADERS

Oliver OC3	$2500
AC H3 w/Ripper	$5900
IH 500C	$6900
JD 350B.	$9750
Cat 951A	$10,500
Case 450 w/Cab 4 in 1	$13,500
Case 450 w/Cab 4 in 1 Hoe	$15,500
Cat 951	$15,500
Cat 941 w/4 in 1 bkt	$21,700
Case 850B-4 in 1 Ripper-Cab	$26,500

LOG SKIDDERS

Ford Log Hog	$3725
Athey As Is	$5900
Franklin 130B	$5900
IH S7C	$7500
JD 640 w/Grapple	$18,900
JD 440C-1978	$19,800
JD 640	$24,900

BACKHOES

Linkbelt LS52	$4500
IH 3514-As Is	$5850
IH 2400	$8900
IH 2500B	$9500
Long 5 in 1	$9500
IH 3600-ROPS	$9500
Ford 4500 Cab	$10,750
Case 580B	$11,400
Case 580B	$11,900
Ford 5550 ROPS	$12,800
JD 410, Cab .	$16,750
Case 580F-4WD .	$18,500
JD 310A	$19,500
JD 410-Cab-1980 500 Hrs.	$23,750

TRAILERS

1973-5 Ton	$1250
1985 2X 4 Ton	$1595
Used 9 Ton	$2500
1977-12 Ton	$3800
1985 3X 9 Ton	$4500
24' Gooseneck	$4900
15 Ton Lowboy	$5500
1986-12 Ton	$6800
1978-25 Ton Fold Gooseneck	$19,500

MISC. CONSTRUCTION

(60) Used Hoe Buckets	From $100
(30) Loader Buckets	From $100
(30) Set Forklift Forks	From $300
Case 580B Cab	$650
Pull Type Grader	$895
New 3 pt. Winch.	$1495
JD 350 Winch Attach	$1850
Huber Maintainer	$1900
Case 580 w/Knuckle Boom Loader	$4500
AC D Grader	$5900
Huber Maintainer DIESEL	$5900
AC 700 w/Log Loader	$9500
Ditch Witch R65 w/Hoe	$9500

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

WENGERS INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067

PHONE: 717-866-2135

TELEX 316290

NIGHTS, PHONE: 717-866-7147 or 717-273-9089

1 MILE FROM LEBANON VALLEY AIRPORT

CORNHEADS

AC 2 Row for A, E, K, E III, F
AC 3 Row for A, K
AC 4 Row for G, C, C II, L, M, F
AC 6 Row for C, C II
JD 2 Row for 40, 45, 55, 95, 3300, 4400
JD 3 Row for 45, 55, 95, 3300, 4400
JD 4 Row for 105, 4400, 6600, 7700, Etc.
JD 6 Row for 6600, 7700, Etc.
IH 2 Row for 91, 93, 105, 203, 205, 315, 303, 403, 615, 715
IH 3 Row for 203, 205, 315, 403, 715, QT
IH 4 Row for 403, 715, 815, 915
IH 6 Row for 815, 915 - All QT
MF 2 Row for 300, 410
MF 3 Row for 300, 410, 510
MF 4 Row for 410, 510, 750, 760, Etc
MF 6 Row for QT
Oliver 2 Row for 25, 525
Oliver 3 Row for 525, 535, All QT
Oliver 4 Row for 535, 545, 555, All QT
Case 2 Row for 600, 660
Case 3 Row for 960, 1160
Case 4 Row for 1160
NH 2 Row for 975
NH 4 Row for 975, 985, All QT

BALERS

NH 315 w/Thrower
Ford 530
Case 220
IH 37
Extra Throwers
JD 214 Wire Tie

ROLLBARS & CABS

IH 2 Post w/Roof
IH 806 Cab
Case 1070 Cab
AC 7000 Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
Case 990 Cab
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 5000 Rollbar
Ford 4000 Cab
Case 930 Cab
Ford 9600 Cab
Ford 6600 Cab
JD 4320 Cab

SHELLERS & GRINDERS

MM 1200 Sheller
NI 315 Sheller Attach
NI 314 Sheller Attach.
NI Super Sheller Attach
NI 317 Grinder Attach
NI 318 Grinder Attach
IH 234 Sheller Attach
JD 43 Pull Sheller
JD 43 3 pt Sheller

HAYBINES

NH 478-7'
Hesston 1070-7'
JD 1209-9'

PLOWS

AC 2x & 3xSC
JD (3 pts) - 2x-3x
JD (Semi) - 4x-5x-6x-7x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500 Attach
Oliver (3 pts) 2x-3x
Oliver (pull) 3x
White (semi, Reset) 4x-5x
Ih 1x (FH & MTD)
IH 2x, 1 pt, FH & 3 pt
IH 3x FH & 3 pt.
IH 4x pull
IH 4x Reset (On Land)
IH 550 5x (Semi)
IH 710 5x (Semi)
IH 710 6x (Semi)
Ford 1x & 2x (3 pts)
MF 880 5x (Semi)
MF 2x Rollover
Oliver 4x3 pt
JD 5x Rollover
Oliver 3x Rollover
JD 3X Rollover
IH 3X Rollover
IH 4X Rollover

CORNPICKERS

NI 324 w/12 Roll Bed
NI 324 w/Super Sheller
NI 323-Demo
(3) Ni 323 - Used
NI 10 1X Pull

LOADERS

Loader Off D.B 990
Loader Off AC D19
Ford Off 8N
Freeman Off 880 Brown
AC Off 1600
JD 36A Off 1020
Loader Off JD 420
Souders Loaders
Case for 970 & Larger
IH for 300 Utility
IH 2250 Loader
IH 2050 Loader
IH 2000 Loader
IH 3000 Loader
Loader Off AC 190
Loader Off Ford 8000

DISC'S

IH 8' 10'-11'-13' Transports
JD Plowing Disc-10' & 12'
JD BW-14'
KK 6' 3 pt.
Kewanee-13' Rock Flex
IH 480 w/Wings-24'
IH Cub Disc
JD 10' RWA Transport
IH 7' Pull Type

HARVESTERS

Fox Super 1000
JD 38
MF 260
NI 705 Uni System
NH 718
IH 555
NH Super 717
JD 34

SICKLE MOWERS

JD 9 3 pt
Ford 3 pt.
IH Cub
IH FH
Sitrex 3 pt dynabalance

CULTIVATORS

AC D14-D15 2x
Ford 2x
JD 2x (H & 420)
JD RG6
JD RM6
JD 6x Frt Mtd
IH Cub & Super A, A
IH C-H M 2x Frt
IH 461 Ftr Mtd 4x
IH 4x FH
IH 153 4x 3 pt
1x3 pt - New
Westgo 6x 3 pt

COMBINE SALE EXTRAVAGANZA

All Combines Have Cabs

- JD 3300 D-R Screen-QT-Base $7420
- JD 6600D-R Screen-Hydro-QT-Base $8920
- IH 615G-R Screen-QT-Base $5940
- White 7300 G-QT-Base $5870
- Gleaner K-R Screen-QT-Base $8610
- MF 300 G-QT-Base $4860
- MF 750D-QT-Base $9340
- JD 45 SB-Base $2810
- Case 600-Base $2490

CORN & GRAIN HEADS AVAILABLE

HARVESTER HEAD SPECIALISTS

(75 In Stock)

1X Corn for NH, Fox
2X Wide for NH, Fox, JD, IH
2X Narrow for NH, Fox, JD, IH
3X Narrow for NH, Fox, JD, IH, MF, Badger
1X Snapper for NH
2X Snapper for NH, Fox, JD
3X Snapper For Fox, JD
Pickup's for NH, JD, IH
Cutterbar's for NH, Fox, JD, IH

LOTS OF EXTRA COMBINE GRAINHEADS TO FIT MOST MACHINES

TRUCKS

1947 Ford Fire Truck $2950
GMC w/Grain Body $1500
1975 Ford 8000 TT $8750

FIELD CULTIVATORS

JD 12' 3 pt
JD 18' 3 pt
Glencoe 13' 3 pt

MISC. EQUIP.

JD 6500 Blower
24' Cardinal Elevator
Spike Harrow
Corn Drags
IH Cub & 140 Attachments
Hesston 10W Mower
8' FH Blade
10' & 12' Lime Drills
IH Side Dressers
8' to 12' Spring Tooth Harrows
Tandem Axle Fert Spreader
Hesston 30 Mover
JD Tedder
(5) Bale Wagons
(2) Hesston 10 Stackers
NH 32' Elevator
Danuser PHD
Fox 660 Blower
JD 8200 Drill
IH 510 Drill
IH 56 Blower

CULTIPACKERS

9'-12'
14' w/Transport

TRANSPLANTERS

2 Row - Pull & 3 pt
1 Row - 3 pt.

ROTARY MOWERS

JD 5' Pull
Modern 7' Pull
Toro 3 Gang Reel (SP)
Ford 7' Pull
Woods C80 Pulltype
Woods 6' Offset, 3 pt
FMC 13' Pull Type

DUALS

18 4x34 MF Axle
18 4x34 Snap On
20 8x38 Axle
18 4x34 Axle
18 4x38 Snap On
18.4x38 Ford Axle

FORAGE WAGONS

JD 214 | Gehl
Fox 625 | Gehl 940

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
743N Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head
760 Harvester
3x30 Harvester Head
705 Diesel Tractor
2x40 Harvester Head
QT Throat Assy
710 Combine

HAY RAKES

Sitrex 4 Wheel-3 pt
JD 660

SPREADERS

NH Tandem Axle-250 Bu
NI 12A - Like New
Betterbilt 2100 Liquid Spreader
JD R
NI 14-Like New

POTATO EQUIP.

Iron Age 2X Planter
1 Row Planter
2 Row Digger
1 Row Digger

CORNPLANTERS

IH 2X Fast Hitch
Ford 6X Pull
JD 246 2x3 Pt.
MF 2x 3 Pt.-New
IH 56 - 2 Row
IH 449 4x Pull
JD 290 2x Pull
IH 400 Air

CHISEL PLOWS

JD 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt)
Kent 7' Soilsaver
Lely 12' Roterra
5, 8', 10' 3 pt
1 tooth 3 pt subsoiler

CULTIMULCHERS

Brillion 12'
JD 930 - 12' 3 pt

NEW EQUIPMENT SPECIALS

ROTARY MOWERS

40" 3 pt Heavy Duty $495
4' 3 pt Standard Duty $395
4' 3 pt Heavy Duty $495
5' 3 pt Standard Duty $395
5' 3 pt Heavy Duty $495
6' 3 pt Heavy Duty $695
7' 3 pt Heavy Duty $1395
4' pull Heavy Duty $595
5' pull Heavy Duty $695
6' pull Heavy Duty $895
7' pull Heavy Duty $1495
4' 3 pt Estate $1195
5' 3 pt Estate $1295
6' 3 pt Estate $1495

SICKLE BAR MOWERS

6' 3 pt pitmanless $1495

SCRAPER BLADES

6' 3 pt Heavy Duty $175
7' 3 pt Heavy Duty $195
8' 3 pt Monster Duty $695

CEMENT MIXERS

3 pt 9 cu ft. $495
3 pt 12 cu ft $550
3 pt 20 cu ft $695

STONE RAKES

6' 3 pt. $495
7' 3 pt $550
8' 3 pt $595

HAY TEDDERS

2 Wheel Pull PTO $895
2 Wheel 3 pt PTO. $895
4 Wheel Pull PTO $1595
4 Wheel 3 pt Ground $465

HAY RAKES

4 wheel 3 pt. $465

WOODSAWS

3 pt PTO 30" $399

CULTIVATORS

1 row 3 pt $95

BOOM POLES

Standard 3 pt. $79
H.D. 3 pt $179

POTATO PLOWS

1 row 3 pt $95

ROTOVATORS

50" 3 pt Standard Duty $875
60" 3 pt Standard Duty $975
60" 3 pt Heavy Duty $1275
66" 3 pt Heavy Duty $1375
72" 3 pt Heavy Duty $1775
74" 3 pt Standard Duty $1475
82" 3 pt Heavy Duty $1975

LOADERS

3 pt snow & dirt bucket $695

SEEDERS

PA 150 3 pt $275
PA 250 3 pt $285
PA 300 3 pt $295
PA 400 3 pt $395
PA 500 3 pt $450

LANDSCAPE BOXES

3 pt 5'6" $495
3 pt 6' $495
3 pt 7' $595

TRAILERS

1985 4 ton 14' $1595
1985 4 ton 16' $1695

POST HOLE DIGGER

3 pt 6", 9", 12", HD. $495

CHISEL PLOWS

3 pt 9 tooth spring loaded $595

DIRT SCOOPS

3 pt Reversible $395

WINCHES

3 pt 6600 lb $1495

DISC HARROW

5'6" 3 pt 18" Combo $495
6'6" 3 pt 18" Combo $495

SUBSOILERS

3 pt 1 shank HD $369

BALE MOVERS

3 pt 3 tine HD $379

FORKLIFTS

3 pt tilt cyl HD $2495

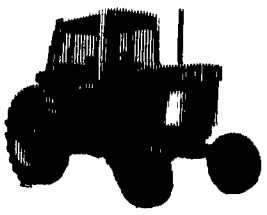
WAGONS

6 ton $450
8 ton loaded $550
10 ton loaded $625

BACKHOE BUCKETS

12 $495
18' $595
24" $695
36' $895
Add $200 For H.D.

1 FARM EQUIPMENT



NEW EQUIPMENT
5100 Grain Drill, 16x7
475 Disk Harrow 12 ft.
335 Running Gear 20,000 lbs.
515 5 Furrow Plow, 18"
86 Rake
15 Baler Thrower

NEW TRACTORS
484
284-Turf Tires
244-Turf Tires
254-Turf Tires

USED TRACTORS
Farmall Cub w/60" mower
Cub Cadet 682 w/44" mower
Cub Cadet 1650 w/50" mower
Int. 364D
MM Model ZB w/blade
Farmall H
284D 161 hrs.
Farmall BN w/mower

USED EQUIPMENT
IH 1050 Loader
7' 990 Mower Cond.
Woods model C114 rotary mower

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USED EQUIPMENT

NH 268 Baler
NH 310 Baler
(2) NH 315 SS Baler Exc.
NH 276 SS Baler
NH 28 Blower
NH 717 N2 Corn Head
NH 489 Haybine
Butler Oswalt 1830 Ensilmixer
Case 1816 Skid Loader
Case 4B Plow
NH 717 Harvester
NH 519 Spreader
Brillion 12 ft. Field Cultivator
NH 770 Harvester w/Electric Control, 2 Row Head and Corn Head.
NH 36 Ft. Elevator

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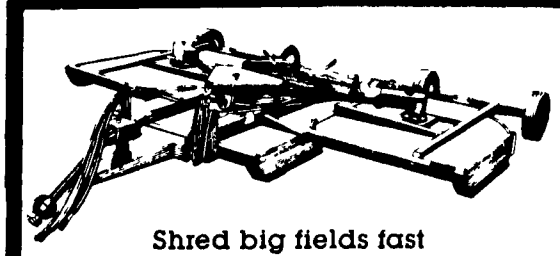

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The giant 15-foot cutting width lets you eat up rows of stalks or acres of pasture The ground hugging 1508 flexes over uneven terrain to cut all your crop

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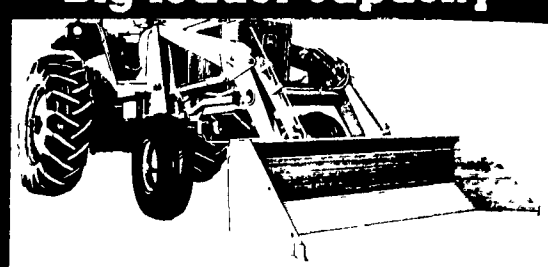
Big loader capacity



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The John Deere 158 Loader offers big loading capacity on your row-crop tractor — from 90 to 140 hp

Lift 3540 pounds up to 13 ft Move mountains of manure and materials fast

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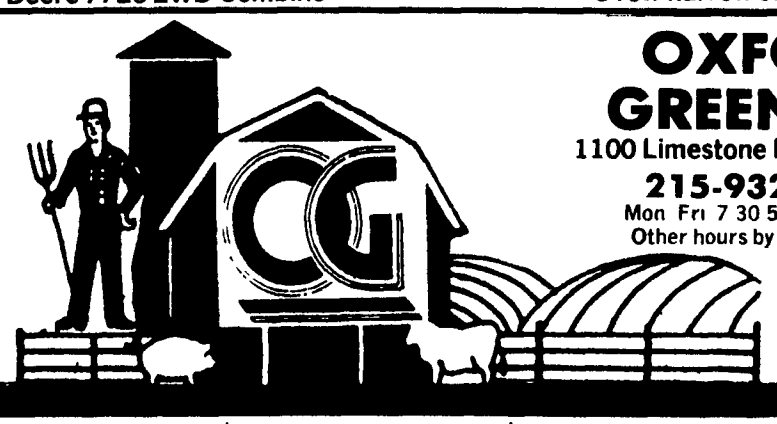
USED EQUIPMENT SPECIALS

TRACTORS
Deere 2350 Utility Tractor w/front wheel drive
Deere 402[SOLD]el Tractor, power shift trans.
Deere 4440 Tractor w/4 post & power shift trans.
JD 4430 Tractor w/sound guard, cab, & quad range trans.
Deere 2840 Tractor
Deere 2630 Tractor
Deere 2010 gas utility Tractor
Kubota 16 h.p., 4 WD Tractor w/mower

IMPLEMENTS
(1) 7000 6 row narrow no-till JD planter
(1) 12 row folding JD no-till corn planter
(1) 781 NH Manure Spreader w/Hyd. endgate
(1) 716 JD Forage Box w/3 beater & roof
(1) 216 JD Forage Box w/roof
(1) 15' Woods folding rotary cutter
(1) 770 NH Forage Harvester w/2 heads
(1) Fox pull type Forage harvester w/3 row corn head & hay pickup

COMBINES
Deere 7720 4WD Combine
Deere 6620 Sidehill Combine
Deere 7720 2WD Combine
Deere 3300 diesel Combine
NI Uni System w/12 roll husking bed & 3 row narrow corn head



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AC 170
(2) AC 190XT
AC 7000 PS, C/A
AC 7020
AC 7040
AC 7060
AC 7080
AC 210
AC 200
Kubota L245 w/Mid Mount Mower
IH 986

BALERS
(2) NH 851 Auto Wrap
(2) NH 273 w/54A Thrower
NH 320 w/58 Thrower
NH 320 w/70 Thrower
NH 315 w/Chute
IH 440
JD 466 Wire

COMBINES
NH 995 with Grain and Corn Head
NH TR70 w/960 and 962W4
Gleaner E w/3 Heads
AC C II w/2 Heads
AC FKS2 w/430 Corn Head and 313 Flex Head
AC G440 Corn Head

PLANTERS
AC 7R Bean
(2) AC 600 4R no-till
AC 600 6R no-till

FORAGE EQUIPMENT
IH 830 w/2RN
NH 919 N4
NH 890 W
Gehl Flail
NH 770R2
NH 890N3
NH 1890 Hydro C/A w/2 Heads, w/550 hrs.
NH 38 Chopper
NH 880 R2 Head
(4) NH 822 Corn Head
(2) NH 28 Blowers

MOWER CONDITIONERS
Hesston PT 10
NH 479
NH 1495 D w/12' Head
NH 1495 Plan.
NH 1469 SP 9'
(2) NH 489
NH 488
NH 490
NH 495
NH 1495 SP, 12' Hyd., C/A

MISCELLANEOUS
Brillion STS 10 Trans. Harrow
Brillion 10' Pulvimulcher
NH 85 Bale Handler
NH 80 Bale Mover
1979 Ford Dump Truck
Buster Bar for Disc

WAGONS
NH 1003 Bale Running Gear
Grove Fg.
(2) Dion Fg. Wagons

PLOWS
AC 5 Bottom 18"
IH 4 Bot. mounted

LAWN & GARDEN
Simplicity w/Attach.
AC 712H w/42" Mower
AC 410
AC B10
AC Big 10
AC 720 5' Cut

LOADERS & FORKLIFTS
NH 425 Skid
(2) AC Model 50LPS
AC Model 50
AC Model C40X
AC 715 Backhoe
NH L445
AC 540
JD 170
Oliver 12-60D Dozer
IH 4130 Skid

MOWERS
Bush Hog Batwing
Ford 906 Rotary
Woods RM 48
(2) NH 451
(3) 462 Disc
NH 463 Disc

SPREADERS
NH 520 w/End Gate
NI 244 w/End Gate
NH 791
NH 519
NH 346
NH 329

RAKES
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(3) NH 258
(3) NH 260
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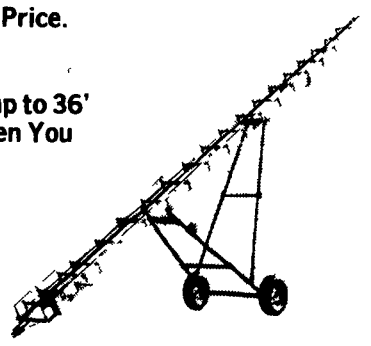

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AC 2500 Disc 10 ft. 10 in.
AC 8010 PS w/20.8x38 Radials
(2) AC 6080 2 WD
AC F3 Combine w/Floating Cutting Bar
AC 1200 S-Tine 16½ Ft. Cultivator

USED TRACTORS

AC 7000 w/New Rubber
AC 5045 w/Loader
Int'l 1086 w/Cab & Duals

USED HAY & FORAGE EQUIPMENT

2 NH 717 Forage Harvesters
JD 38 Forage Harvester w/Corn Heads
NH 78 Baler w/ Thrower
(2) NH 469 Haybine
NH 488 Haybine
NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
IH 80 Pull Type Combine
IH Conser-Til
Hesston 1091 Mower Conditioner

MISCELLANEOUS

AC 460 Loader w/2 Buckets (Will fit AC 6080 Tractor)

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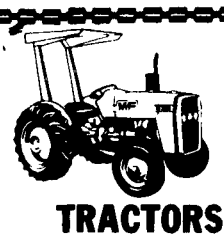

TRACTORS & EQUIPMENT

MF 35 Tractor
MF 40 Diesel Tractor w/Loader
AC D17 Dsl. Tractor
MF 50C Tractor w/Loader & Cab
MF 760 Combine w/Attchs.

NEW M.F. EQUIPMENT

MF 240 Tractor
MF 240 Tractor
MF 283 Tractor
MF 1030 Tractor 4 WD
MF 1020 Tractor w/Turf Tires
MF 1010 Tractor w/218 Mower
MF 1010 Tractor
MF 236 Loader
MF #43 2B Plow
MF 427 No-Till Drill
MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 22 Bale Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades
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QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS

JD 4840 Cab & Air Power Shift, 1600 hrs., very nice
JD 4440 Cab, Air, Quad, 1300 hrs., excellent
JD 4240 Dsl., Cab & Air, 1895 hrs., 18.4x38 Tires, very nice
JD 4230 Cab & Air, Quad Shift, 38" Rubber
JD 2940 Dsl. 1700 hrs., excellent
JD 4630 Cab, Air, Quad, 1977 Model, very nice
JD 4430 Dsl., Cab, Air, Quad, 1977 Model 2200 hrs.
JD 4430 Dsl., Cab & Air, QR 1974
JD 4320 Dsl. w/cab, 3300 hrs., very nice
JD 4230 dsl., Power Shift Cab & Air, 1977 Model
JD 4030 Dsl., WF, Sound Guard Body
JD 4030 Gas w/Cab, WF
JD 4020, WF, year Rd. cab, sharp
JD 3020 Dsl., Power Shift, WF
JD 3020 Tricycle, good picker tractor
JD 2440 Dsl., Independent PTO, dual hydraulic
JD 2640 Dsl., Hi/Lo Independent PTO 38 & Rubber
JD 2630 Dsl., Independent PTO, Hi/Low, very nice
JD 2240 Dsl., nice
JD 2020 Dsl., Hi/Low
JD 1050 Dsl. 850 hrs., like new
IH 1466 Cab & Air, 20x38 rubber, new TA
IH 966 Dsl., WF, 2700 Hrs.
IH 966 Dsl. w/Cab, 1800 hrs., very good
IH 986 Cab & Air, 18x38 Rubber, 2100 Hrs.
IH 1086 Dsl. Cab & Air, 1600 hrs., very nice
IH 886 Dsl., Cab, Air, very nice
IH 886 Dsl., 4 Post Canopy, new TA, very nice
IH 856 Dsl., WF, 38" Rubber
IH 786 Dsl., WF, 1800 hrs.
IH 826 Dsl., WF
IH 1066 Dsl. Tractor, Black Stripe Fender
IH 766 Dsl. Fender Tractor, 1200 hrs., excellent condition
IH 766 Dsl. w/BS, Roll Guard w/Canapy
IH 756 Dsl., WF, 3 pt., 38" Rubber
IH 666 Dsl. Tractor, WF, 3 pt., very nice
IH 666 Gas, WF, Very Good
Farmall 706 Dsl., WF, nice
Oliver 1755 dsl., WF, 2100 hrs., very good
IH Super A w/Rotary Mower and Loader
Ferguson 35 Gas, 1100 original hrs.

HAY EQUIPMENT

JD 3960 Harvester w/Elec. Controls, 2 or 3R Head, very good
JD 510 Round Baler, very good
JD 346 Twine Baler w/#30 Thrower
JD 346W Baler w/Thrower
JD 336 Baler w/#30 Ejector
IH 1190, 7' Haybine, very nice
NH 489 Haybine
NH 467 Haybine
NH 477 Haybine
NH 320 Baler w/Bale Turner, excellent
NH 273 Baler w/Thrower
NH 277 Baler w/Thrower, very nice
NH 845 Rd. Baler, very nice
NH #38 Flail Chopper, used 1 season, like new
NH #80 3 Pt. Rd. Bale Mover
NH 1005 Bale Wagon, single bale unloads
NH Super 1049 .Self Propelled Bale Wagon, 160 Bale Capacity, very good condition
NH 1012 Bale Wagon

NEW ARRIVALS

1979 JD 4400 Dsl., 23" Rubber, excellent, one of a kind
JD 1020 Gas w/3 pt.
JD 1600 3 pt. Chisel Plow
JD BWA 12' Disk
White 580, 5 or 6 bottom Plow, Spring Reset
White 3 Bottom Plow, Spring Reset
NI 243 Manure Spreader, Hyd. End Gate
JD 2700, 5x18 Plow, Spring Reset
IH 510, 21x7 Double Disk Grain Drill

CORN PLANTERS

JD 7000, 4R, Cons., Dry Fert. & Insect.
JD 7000 SOLD 4RW No-Til Coulter, Dry Fert. & Insect.
JD 7000, 4RW Dry Fert. & Insect.
JD 1240, 4R Plate and Plateless Dry Fert.
IH 56, 4R Dry or Liquid Fert., excellent condition
IH 400 SOLD 4R, Dry Fert. & Insect.

PLOWS

IH 720, 6x18 Spring Reset On Land Plow
IH 720, 6x18 Toggle Trip Onland
IH 720, 5x18 Toggle Trip
IH 710, 7x18 Spring Reset Onland
IH 710, 5x20 Spring Reset
IH 710, 5x18 Spring Reset
IH 710, 4x16 Spring Reset
JD F145, 3, 4, and 5 Bottom Trip
JD 1450, 5 & 6 Bottom Trip

CORN HEADS

AC FG430
JD 243, 244, 343, 443, 444
IH 844, 843, 227
MF 43, 63C

DISCS

Bush Hog 18½' Hydraulic Wing Fold Disc, like new
JD AW 12'6", Very Good
JD BWF 20' Rock Flex
JD BWF 16½' Rock Flex, excellent blades

NEW EQUIPMENT SPECIALS

NH 316 Baler, $6,800
NH 311 Baler, $5,800
Taylorway 9' Soil Saver, $3,350

Trade in Special

JD 4400 Gas Combine w/13' Platform $5,950

GRINDER MIXERS

JD 750 w/Long Auger
JD 700
NH 353
NH 352
Gehl 95

LOADERS

Ford 4600 SU Tractor w/Loader
Ford 3400 Gas Loader Tractor w/3 pt., 1800 hrs.
MF 165 Dsl. w/Quick Tach Loader
Case 1816B Skid Loader, 500 hrs.
NH L425 Skid Loader, 610 hrs.

CHISEL PLOWS

JD 1610, 12 Tooth Pull Type
MF 12 Tooth 3 pt.
Glencoe SOLD th Soil Saver

MISCELLANEOUS EQUIPMENT

JD 148 Loader for 2840 & 2940 Tractors
18x38-18x34 Duals
Cabs to fit IH 706 thru 1466 Tractors
Cabs to fit JD 3010-4320 Tractors
Brillion 8' Alfalfa Seeder w/Transport, good condition
JD 4 Row RG & RM Cultivators
IH #40 Stalk Shredder, excellent condition
IH 2250 Quick Tach Loader
IH 1000 Loader for 140 or Super A, very nice
JD 3R 30" Fg. Head
NH 3RN Quick Tach Corn Head
JD 7' Direct Cut Grass Head for 3940, 3960 Harvester
JD 8300, 7x18 Double Disc Grain Drill

COMBINES

1980 Gleaner F2 Corn Plus, 23" Rubber, like new
1976 MF 510 Dsl., Cab, Air, 23" Rubber, excellent
1976 Gleaner F Ga SOLD ab & 13' Grain Table, very nice
1976 Gleaner FKS Dsl., Cab & Air, 13' Grain Table, very nice
1976 IH 715 Dsl., Hydro., Cab, Air, 23" Rubber, nice local trade
1975 JD 4400 Dsl., Cab & Air, 1400 hrs., excellent
1974 JD 4400 Dsl., Cab, Air, Choice of Heads
1973 JD 4400 Gas w/Cab, 1300 hrs., good condition
JD 213 & 215 Flex Heads
IH 820, 13 & 15' Flex Heads
Corn & Soybean Chopper to fit JD 3300-4400

Good Selection of Grain Tables
Financing Available on Above Machines

Call us for your year end tax investment credit equipment needs.

1 FARM EQUIPMENT

Stationary Grinder 30 hp motor, JBJ Berry. 2 Bag Blender w/10 hp motor. 1 Ton Mixer. Union Special Sewing Machine w/drum brake. All have explosion proof motors.
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J.D. 6620 S.H., 800 Hrs., Real Nice; 6620 S.H.; 900 Hrs., 1 Owner, Nice; 6620 L.L., 900 Hrs., 1 Owner - In Field Working; (75) 6600 D. Rotary Screen - Good; 6600 D. w/Grain, Good For $9,500; (77) 4400 D. C.A. - 890 Hrs., Real Nice; (69) 55 Sq. B. w/Cab, Corn Special; 55 Sq. B. w/Cab - Good; 6620 With Fire Damage Cab **(SOLD)**.

IH (NEW) 1420 Axial Flow - Full Eq. w/820 Flex; (Used) 1460 Axial Flow - 900 Hrs., $34,800, Very Nice; (76) 915 Dsl., C.A. Turbo Hydro; (73) 915 D. C.A. Turbo Hydro w/4R C.H. $9,800; 715 Gas - Good; 205 w/Cab & 10' G.H.

M.F. (77) 760 V8 Hydro w/Mud Hog Rear W.D., fully eq., nice; (80) 750 Gray Cab, 760 Hours - Nice; 550, Low Hours - Nice; (75) 510 D. Hydro w/Cab; (69) 510 D. w/Cab; 300 D. C.A. - 640 Hours, Excellent; 300 Gas - $2,850; **N.H.** TR70 C.A. Hydro; Gleaner (76) FD. w/C.A.- Nice; #90 Pull Type.

(75) **White** 8600 D.C.A. Hydro w/15' Flex, $9,750; **N.I.** 702 & 705 Uni-Systems w/Full Eq.; **N.I.** 709 C.A. w/R.W.D. & 767 Super Chopper; 729 A Shellers, $1,200; NI 727 Husking Beds In Stock.

Combines Coming In: MF 850 Hydro, clean w/heads; '78 JD 6600 D. hydro. w/low hrs., extra nice 1974 JD 6600 D. Hydro, real nice; IH 1480 w/820 Flex & 6R C.H.; Gleaner F w/grain & like new 430 C.H.; Int. 203 w/grain & 227 C.H.

CORNHEADS: J.D. 843, 643, 444, 443, 343, 244, 243, (New) 443 - $9,300; 653 Row Crop; 313 (45), 334 (55), 205 (40) 234, 435; Late Model 643 & 443, like new; Late Model 444, 643-$5250 & up, 443-$4250 & up.

I.H. 883, 863, 844, 833, 744, 227.

A.C. GL 440, C440, A438, L438, M430, F430, F335, F330, K238.

M.F. 1163, 1143, 63, 44, 43, 24, 222, 422.

N.I. 738, 743, 730, 734, 725, 723, 762, 763; **White** 706N; **Ford** 4-30''; **Case** (404) 4-40''.

GRAIN HEADS: J.D. 12'-15' Incl. 213 & 215 & (2) JD 216 Flex, like new.

I.H. (New) 820 - 15' Flex, (Used) 820-17.5' Flex, $4,300; 810-13' Thru 16.5' w/Reg. or Floating Bar; 710-13'.

M.F. 10'-16' Reg. or Floating Bar; **A.C.** E10', G15'.

N.I. 713 Flex Or Rigid, 711.

TRACTORS:

J.D. (New) 4450 C.A. P.S. w/FWD; new 4240 C.A.P.S.; (Used) 4640 C.A.P.S., Duals - 800 Hrs., Real Nice; 4640 C.A.Q.R. - Factory Duals; 4640 C.A.Q.R. - Snap On Duals; 4450 C.A.P.S. - 100 Hrs.; 4440 C.A.P.S. - Real Nice; 4440 C.A.Q.R.; 4240 C.A.P.S. - Nice; 4240 C.A.Q.R. 920 Hrs. - Excellent; 4240 Q.R. Fender; 2940 w/F.W.D. & 260 Loader, Low Hours; 2940 w/R.G.; 2840 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/Duals; 8430 4 W.D. C.A.Q.R., Fresh Motor - Real Nice; 6030 C.A. Duals - Nice; 6030 C.A., Nice; 4630 C.A.P.S. w/F.W.D., Real Nice; 4630 - 8 Spd., Nice; 4430 C.A.Q.R.; 4230 C.A.Q.R.; 4230 P.S. w/R.G.; 2640 w/Hi Low & 2 outlets; 4030-77, C.A., QR; Used JD 4430 R.G. & Q.R.; JD 4040 PS w/R.G.; JD 4030 Q.R. w/R.G.; JD 4030 w/Fender; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; 7520 4 W.D. C.A. - Duals; (70) 5020 - $6,500; (67) 5020 w/Duals - No 3 Pt. $4,850; 4620 w/Cab & New Tires; 4520 w/Cab & Fresh Motor; 4320 w/Cab - Good; (8) 4020's 1964-1972; 4020 S.C., W.F.E.; 4020 P.S., S.C., W.F.E.; (2) 4020 w/Cab; (2) 4020 w/158 Loader, 3020 D. S.C., W.F.E.; 2520 D.; 2020 D. w/Loader; 2020 Gas; 4010 D. - New Clutch, $5,450; 4010 D. $4,500; 4010 Gas; 730 D. P.S. w/3 Pt. - $3,450; 730 Gas w/3 Pt.; 630 Gas; 720 D. P.S. w/3 pt; 620 P.S.; 620 L.P., P.S.; 60; A, 3010 gas.

I.H. (New) 5088 Full EQ.; (New) 3688 Full EQ.; 5488 Full EQ., Radial Duals - Like New; 3588 2+2 Local - Full EQ. - 900 Hrs. - Like New; 1486 w/C.A., dual PTO, 3 outlets & dual wheels; 1586 C.A. Nice; 1586 w/R.G.; 886 w/Cab 18x38 Tires, 700 Hrs. Like New; 886 w/R.G.; 186 Hydro C.A. - Like New; Hydro 84, Hydro 70; 784 - 1,000 Hrs., Real Nice, $9,500; 684 w/Cab; 1568 C.A. - 1,000 Hrs., Real Nice; 1468 C.A. - Nice - $8,500; 1566 C.A. - Black Stripe; 1566 w/Cab; 1466 w/Cab; 1066 Hydro - Original; 966 Original; 766 Original; 666 D., Real Nice; 674 D. 574 D. w/Loader; 574 D. - New Tires; 574 D. - $3,950; 354 Gas Utility; 1256 w/Cab, Nice; 756 D. W.F.E. & F.H.; 756 G Hi-Clear; 656 D. Hydro w/2000 L; 656 Gas - W.F.E. - Original; 656 Gas & Diesel; 656 D. Hi-Clear; 826 D. Hydro; 1206, Nice; 806 D; 706 w/German Diesel - Very Good. 706 D. - W.F.E. - 3 pt. - $5,000; 706 W.F.E. - 3 pt. Gas; 706 Gas T/A, W.F.E.; F.H.; 606 Gas w/3000L; 606 Gas w/L. - $4,250; 560 D. w/F.H.; 460 w/Loader - Needs Trans. Work; 450 w/P.S. & F.H.; 230 w/F.H.; Super M, M w/W.F.E.; M & H, nice; Super C. W.F.E. - F.H.; C w/Cult.

A.C. (New) 8050 C.A.P.S. - Radial Tires, List 56, Cost 44, Our Price $32,850; (New) 6080; (New) 7010 w/20 Spd. - $18,750; (Used) 7045 C.A. - 20 Spd. - Real Nice; 7040 C.A.P.S., Like New; 7010 C.A.P.S. Full Wts., - Light Package - Like New; 6080 w/R.G. - Nice; 210 - New 20.8-38 Tires - Full Wts; 200 w/Cab - $7,850; 180 D. - W.F.E.; Good; D17 Series 4 - w/3 pt.; D15 W.F.E. - P.S. w/Hyd. Loader; D14 WF w/Hyd. Loader; WD - 45 w/A.C. Loader & P.S.

CASE (Used) 2590 C.A.P.S. - 925 Hrs. - Like New; 1690 C.A.P.S. - 100 Hrs.; 1370 C.A.P.S. Factory Duals - Full Wts.; 380 D. w/R.G.; 1070 - P.S. $6,850; 1410 w/R.G.; 930 C.K. w/3 pt.

M.F. 2675 w/R.G. w/1,000 Hrs.; 184-4 w/F.W.D.; 1155 C.A.M.P. - $8,500; 1135 C.A.M.P.; 1135 w/R.G. & Duals; 1130, 1100, 175 D w/R.G.; 90 D.; 65 D.; T030, T030 w/Loader.

FORD 9600 w/Cab; 7600 w/Dual Power - Nice; 5000 D. - Real Nice; TW-20 w/220 Hrs. - Damaged. 901 w/WF; 8N

OLIVER 1855 w/20.8-38 Tires - Original Paint; 2050 - $7,850; 1950 T w/Cab - $5,975; 1650 D. W.F.E. w/o Shift - Original; 880 D. W.F.E. & 3 Pt.; 1800 Needs Motorwork.

WHITE (New) 2-65 w/F.W.D. & (New) 1730 Loader - List $29,000 Sale - $19,900; (2) 2-135 C.A.; 2-85 w/1840 Loader - Very Good.

MISC. AGRI-POWER - 9,000-115 HP - Made by Fiat - 80 Hrs. Like New; **DEUTZ** 9006; M.M. Vista G1000 w/Cab & M.M. Loader.

Tractors Coming In: Used 4630 C.A., nice; 4230 w/R.G.; 2840 w/R.G.; Case 2090 C.A., PS; Case 2590, like new, C.A., P.S.; Case 1070 & 970 w/Cab; MF 285D.

CORNPICKERS: N.I. (New) 324-2RW w/Super Sheller List $15,390 **SALE** $8,475; (New) 323 - 1R; (Used) 325-2RN w/8 or 12 Roll Husker, Shellers & Super Shellers; (Used) 324 2 RW w/ 8 or 12 Roll Huskers; Shellers & Super Shellers; 323 - Like New; 323 Nice - $2,500; 305 & 319 MNTD; JD 237 MNTD; JD 300, w/2 or 3R C.H.

N.I. 330 - 3 RN w/Supershellers; 325 2RN w/Grinder.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

J.D. 5440 S/P w/R.W.D. C.A. - Hydro; 5200 S/P w/R.W.D. C.A. Hydro; 3960 - Elect. Controls; 3800 w/Elect. Controls; 38; 5200 S/P w/R.W.D. - Fire Damaged Cab.

N.H. 890, 782, 770, S717; 717.

FOX Super-D S/P - $4,950; 3310 w/3RN.

GEHL 600 w/2R; **I.H.** 830 w/3RN; IH 50 w/heads.

FLAIL CHOPPERS: (2) NH Used 38, I.H. 10 & 8; **N.I.** 4R Stalk Chopper; JD 16A.

FORAGE WAGONS: J.D. 716A w/Roof - Real Nice - $6,750; 716A - $3,450; **N.H.** #8 w/Roof, Real Nice; (2) **HESSTON** 7316 w/10 Ton Gear - 1 Yr. Old - $4,250; **HESSTON** #30 Stack Hand - $4,250.

HAY EQ.: BALERS: J.D. 336W w/Thrower - Real Nice; 346T w/Thrower; 466 - Big Baler For $5,000; JD Round 500 - $3,800. NH 310 w/Thrower; NH 320 w/Thrower; 280 W w/Motor; 275T; 273T w/Thrower; 69; **M.F.** 12; **I.H.** 440; **N.I.** 456 Round Baler.

RAKES: N.H. (New) 256; (Used) 258 w/Front Wheel; 256.

N.I. (New) 406 w/Dolly Wheel - $2,275; (Used) 402.

J.D. 660 w/Dolly Wheel; **I.H.** 15; **M.F.** 20 - 3 pt. - 6 Bar.

GRIMM & LELY TEDDERS

HAYBINES: N.H. 1495 S/P Hydro C.A. - 1,100 Hrs. - Real Nice; 1495 S/P Hydro, ½ Cab - Fresh Motor Overhaul; (Used) 489, 488 Nice; (2) 479; 472 (Nice); 461; 467, 7'.

HESSTON PT-7; 1014-12' Hydro Swing $1,975.

I.H. 990 - $1,000; **GEHL** 880 - $1,000; **M.C.** (New) 7E Rotary Scythe - $4,850; (Used) 7E; **N.I.** 270 Cut/Ditioner $950; 279 - Good; N.H. 1034 Stack Wagon.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 737 Direct Cut For 717; 890 EN-2RN Snapper Head; 770-1R Snapper Head; 1, 2, & 3R Silage Head; Hay Pickups.

J.D. 8' Direct-Cut Head; 1, 2 & 3R Snapper Heads; 2 & 3 R Silage Heads, New & Used 5½' Hay Pickups; 7' Hay Pickups; 4-R Stalker Head - Real Nice; JD 243 C.H. w/adapter plate; 5 JD C.H. harvester adapter plates.

I.H. 2 R.N. Silage For 550-650.

FOX 2 CSB 2RW - Snapper Head; 263-2 RW & 3RN Silage; 215-109 Hay Pickup; 476 - 7' Hay Pickup.

GEHL HA 400 Pickup.

N.I. 761 Pickup.

FIELD QUEEN 1413 Flail Cutterhead.

PLANTERS: J.D. 7000-(New) 6R Cons. w/Dry Fert., Ins. & Monitor - $12,900; (Used) 7000-6R Cons. Liquid w/No Till; 7000 6-R Dry; 7000-4R Dry & Liquid; 1440-4RW; JD 7000, 8R 30'', fully eq. w/no' til.

I.H. 800 Cyclo - 6R w/Dry Fert.; Ins. & Monitor; 400 Cyclo - 6R Liquid - $1,850; 400-4R Dry; #56 - 2RW D.D. - Dry.

WHITE 5100 - 6R Drl; **OLIVER** 5400-6R Dry w/Fill & Pop. Monitor - No-Till; **A.C.** 12R No Till Soybean.

DRILLS: JD 8300 (Like New) D.D. 100 Acres; 21x7 D.D. w/Soybean Att; 8300 21x7 D.D. - $3,250; 8200 D.D. 21x7.

I.H. 510 21x7 D.D. w/Press Whls; 510-16x7 S.D. w/Fert & Grass Seed; 510-18x7.

M.F. 43-22x7 w/Grass Seed $1,875; **MOORE** 10' No Till, Like New; **BRILLION** Seeder; **N.I.** 12' LIMG Drill.

GRINDER/MIXERS: N.H. 357, 352 - $1,450; **I.H.** 1150 Nice; GEHL 95 - Real Nice.

TILLAGE EQ.: PLOWS JD 2+3x #845 Rollover; Oliver 3x Rollover; Oliver 4x Rollover; JD 4x16; Oliver 546 4x- Spring Reset; Oliver 5x Cushion Trip; DMI 5x; **I.H.** 5x16 Semi-Mount w/Spring Reset; **OLIVER** 546 - 5x16 Spring Reset; **I.H.** 700 - 6x16 Spring Reset; **J.D.** 2500 6x18 Spring Reset; **WHITE** 549 6x18 Spring Reset On-Land; J.D. 7x; Oliver 566 7x.

CHISEL PLOWS: Brillion 8'; Athens 9'; JD 150 10'-12'; (New) D.M.I. 12'; I.H. 55-12'; Brady 1000-14'; Sunflower Hyd. Fold 18' - $1,850; J.D. 1600 - 21' Hyd. Fold; (New) Landoll 230 - 23' Hyd. Fold.

DISCS: Crustbuster 10' Flex Offset; Miller 10' Offset; I.H. 370-15'; J.D. - 15'; A.C. 18'; J.D. 220-20' - Hyd. Fold; I.H. 480 - 20'; Kawanee 22'; A.C. 25' Hyd. Fold; JD 230, 20' hyd. fold.

MULCH TILLERS: M.F. 129 - 11'; J.D. 1710 - 11'; Krause 2800 - 14'.

CULTIMULCHERS: New Dunham Lehr 13' at dealers cost; Brillion 15' w/Inside Wheels; Brillion 21' - Hyd. Fold.

PACKERS: (New) Brillion - 12'; (New) Brillion 25' - Hyd. Fold; (Used) Brillion 21' - Hyd. Fold; Used 12 & 14' Packers.

CULTIVATORS: J.D. 4+6R Front Mount; RG4 - 3 Pt.; Littleston 4R-3 Pt.; Oliver 6R Front Mount; **I.H.** 4R Front Mount; 12' Field; **J.D.** 1000-25' - Hyd. Fold; **I.H.** 20' - Hyd. Fold.

HARROWS: I.H. 12' Drag; **J.D.** 16' & 20'; **OLIVER** 16'; Case #100-25'.

MISC: I.H. #2 & 7 Shank V-Rippers; Glencoe Sok-Finisher 12'9'' - Like New; **I.H.** 18' Vibra Chisel; Howard 13' Rotavator; J.D. #400 Rotary Hoe; Bush Hog 7-Shank V-Ripper $1,650.

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LOADERS & BLADES: J.D. 48, 58, 145, 148, 158, 245; **I.H.** 2050; 2250; 2350; 2355 (New); **FORD** 772; Great Bend 700 (New); **DUNHAM LEHR** Fits I.H. 400-560; Set Of Forks For I.H. 2000 & 2250L; I.H. 8' Blade Fits 400-560; (New) J.D. & I.H. Buckets.

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J.D. 400, 318, 317, 314, 212, 210, 208, 140, 112.

MISC: (New) Killbros Bins & Running Gears; Artsway 800B w/Elect. Scales - Like New, $6,250; Feedwagon Grain-O-Vator Feed Wagon; **N.I.** 213 Spreader; 214 Spreader w/Endgate; Bestland Rock Picker; J.D. 65 Blower; J.D. 350 Sickle Mower; Used 6' grain auger; (New) Sidewinder 213-13' Rotary Cutter (Incomplete), List $5,885 - As Is $1,650; Bush Hog 12' Rotary Cutter; (New) I.H. #80 Snow-Blower - 3 Pt.; (New) McKee Snow-Blower Front-Mount; TANDEM AXLE FERTILIZER SPREADER; 3 Pt. Hitch For J.D. 630 & 730; J.D. Quick-Couplers; (2) Sets Of Press Wheels For J.D. Drills; (2) New Sets J.D. 38'' Cast Whls. & Rim For 4640; I.H. Flat Top Fenders For 706-1466; CABS For Tractors - J.D., I.H. 66 Series; (New) Full Vision Cabs For M.F. 165 Thru 1135; Dual Wheels; J.D. & I.H. Front & Rear Wts.; J.D. & I.H. Roll-Guards.

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FORD TW-20 - Housing; **OLIVER** 1800 - Motorwork; Ford 6000, needs motor.

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- NH 717 Harvester
- Gehl 600 Snapper Head
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- NH 479 Windrower
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- Hesston 1014 Wind rower, 14 Ft
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- NI Hay Rake
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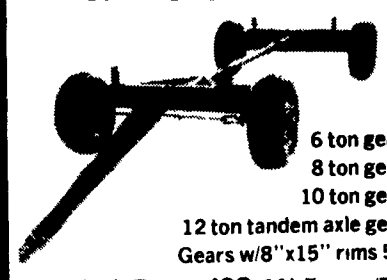

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IH forage blower
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IH 45 Baler
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(2) IH 234 Corn Pickers
NH #352 Mixer
IH 1150 Grinder-Mixer
JD 7000 Corn Planter
IH 456 Corn Planters
Int. #16 Forage Harvester
Lilliston Rotary Mower

Case 680 B Backhoe
Christmas Special!

case IH
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Low Rate Financing or
Waiver of Finance

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HORST GROUP / power pro equipment

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Badger Manure Spreader, 270 Bu. Capacity w/Tires, Hyd. Drive, Hyd. Endgate, Gratz T Bar Chain . . . . . **'4,400**
Badger Forage Blower, Model 542 w/Hopper Magnet. . . . . **'2,300**
Bush Hog Wheel Carry Disk Harrow, Cut Out Disk On Front, Med. Weight Disk . . . . . **'3,575**

USED EQUIPMENT

OMC 440 Skid Loader, Hydrostatic, Gas, Good Condition
OMC 440 Diesel Skid Loader. New Flotation Tires. A Real Good Machine
OMC 207 Mower-Conditioner
Ford 3 Pt. Hitch Round Bale Mower w/Cyl. For Stacking Or Unrolling
Weaverline Feed Cart 24 Bu. New Batteries
IH 3200 A, 30 H.P. Skid Steer
IH 550 Manure Spreader w/Hydraulic Endgate & Upper Beater
NH 216 Manure Spreader
If You Are Looking For A Good Skid Steer Loader - Give Us A Call

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MF Massey Ferguson

MF 65 Dsl., reconditioned
MM 670 Gas
MF Super 90 Dsl. w/Loader
IH 154 Cub w/Mower
Ford 501 3 pt. Mower
NH 516 Spreader
IH 540 Manure Spreader
IH Grain Drill
Herd 3 pt. Fert Spreader
NH 69 Baler w/Thrower
IH 37 Baler w/Thrower
Hesston PT10 Mower Conditioner
Hub 30' Elevator
MF 880 5B 18" Plow
Case 5B 16" Plow
JD 4x14 Mtd. Plow
NH 450 Sycle Bar Mower
NH 822 Corn Head
Gehl 65 Grinder Mixer
Brillion 24' Field Harrow
MF 300 Combine
MF 205 Combine
Gehl CB1000 Harvester w/(2) Heads, 2 yrs. old
Gehl 600 For. Harv. w/2 Heads
Fox Blower
Gehl 4500 Skid Loader w/Backhoe Attach.
Kasten 14' Forage Box
NH S23 Blower

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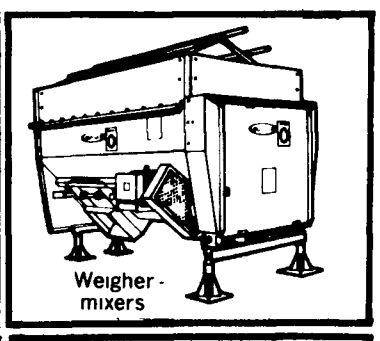
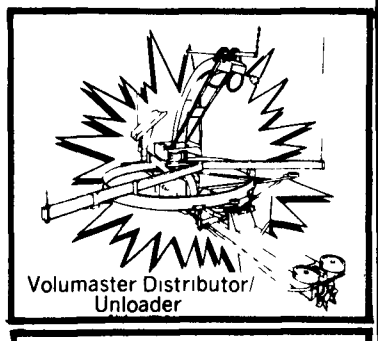
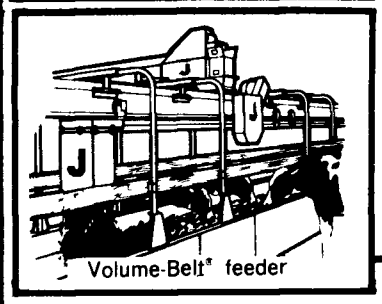
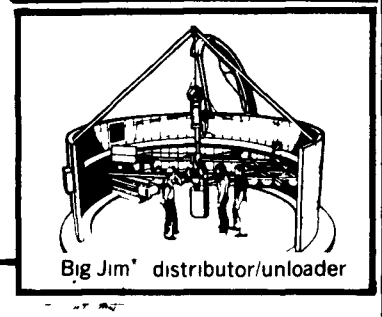

Weigher-mixers


Volumaster Distributor/ Unloader


Volume-Belt® feeder


Big Jim® distributor/unloader

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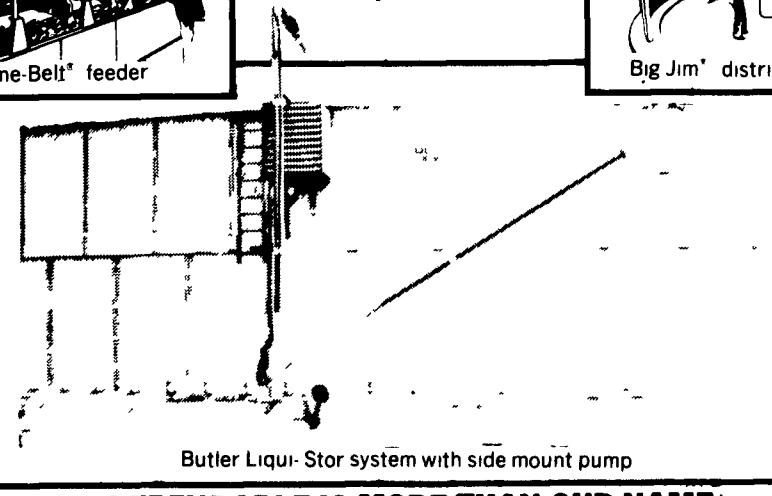
New Butler 115 Stationary Mixer
New Butler 180 Stationary Mixer
2800 Gal. Liquid Manure Speader w/Injectors
Used 1830 Oswalt Mixer
Rental 28 ft. Trail Pump


Butler Liqui-Stor system with side mount pump

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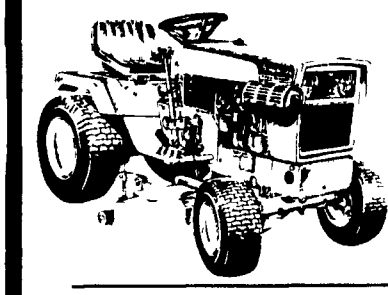

MODEL 7790 DIESEL
2 Only
- 18.5 HP Diesel Engine
- Hydrostatic Transmission
- 48" Mower w/Hyd. Lift

List Price $5,995 00
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SIMPLICITY 7112H LAWN & GARDEN TRACTOR
2 Only
- 12 HP Kohler Engine
- Hydrostatic Transmission
- Includes 42" Mower w/Full Floating Deck

List Price . . $4,575 00
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SIMPLICITY 7117H LAWN & GARDEN TRACTOR
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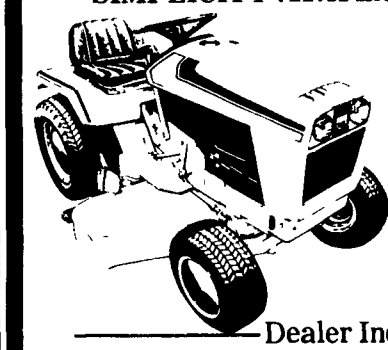
- 17 HP Kohler Twin Cyl. Engine
- Hydrostatic Transmission
- Includes 48" Full Floating Mower Deck w/Hyd Lift



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PHONE: (717) 866-7518

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- 1 Bottom Plows
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- Discs - 4' - 8'
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- Post Hole Diggers 9" & 12"
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- Dirt Scoops
- Boom Poles
- Rear Carriers
- Wood Saws
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes
- Hay Teddars
- Rotary Mowers 4'-6'
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$6,500

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3,350 gal. liquid manure tank
1,500 gal. and 2,300 gal. vacuum tank
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Pit Pump
Mower Conditioner
Weaverline Cart
Lagoon Pump
Lagoon Super Mixer
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Forage Blowers
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Handy High Pressure Washers
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Grain Drill with band seeder
Post Hole Digger

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Int. 1440 Combine
Int. 715 Diesel w/4 row narrow head, nice
MF 750 w/grain head
Int. 715, late model
1979 Int. 1460 rotary combine w/6 row corn head

USED TRACTORS
MF 1080 D
Int. 856
JD Model B w/Cultivators
IH Hydro 100 w/Cab
Farmall H
Int. 1086
Int. 1066 w/Cab

USED EQUIPMENT
Int. 800-6 row Corn Planter
Int. 710 5 F Auto. Reset Plow
900 Badger Blower
NH #518 Manure Spreader
Ontario Hoe Drill
Int. 2350 Mount-o-matic Loader
13' 3 pt. Chisel Plow
NI 2 Row Wide, Pull Type Picker
Int. #40 Stalk Shredder

NEW GEHL EQUIPMENT
960 Forage Box w/roof
1540 Forage Blower
3510 Skid Loader

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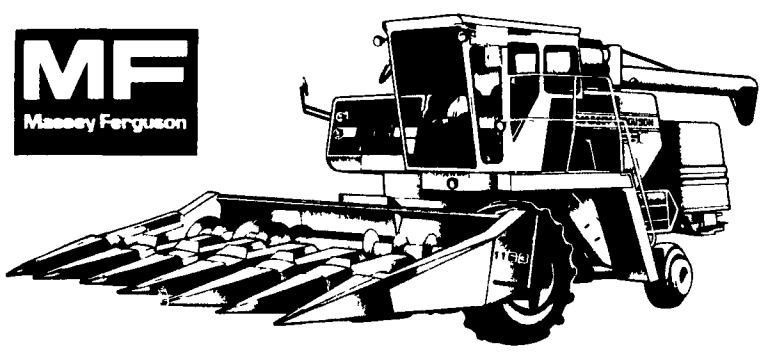
BIG FACTORY DISCOUNTS

MF Massey Ferguson



- New MF 550 Combine Hydro, Less Heads . . . . List Price $64,957
  CASH PRICE $32,350
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- New 13 Ft. Flex, Cutterbar for Grain and Soybeans, Less Reel . . . . . List Price $7,420
  CASH PRICE $6,150
- Used 510 Combine Diesel Engine Cab and Grain Table . . . . . **SALE PRICE $12,500**
- Used 750 Combine Diesel engine, hydro trans , cab with air, 1980 year, good condition, low hours, Just Traded. . . . . Call For Price
- Used 1144 4 row wide cornhead, 1980 year, good condition . . . . . **SALE PRICE $3,800**

550 Has Waiver Of Finance Till January 1, 1988 OR
Low Rate Financing In Lieu Of Cash Price
Used Combines Have Low Rate Financing

NEW TRACTORS IN STOCK
- New MF 670 Tractor, 55 H.P Diesel, 4 wheel drive, cab with air
- New MF 270, 55 H.P. Diesel, 12 speed, M.P., Trans., Ind. PTO, aux. hyd. outlets
- New MF 290, 65 H.P. Diesel, 8 speed Trans., Ind. PTO, aux hyd. outlets.
- New MF 298, 78 H.P. Diesel, 12 speed, M.P. Trans., Incl PTO, aux. hyd. outlets.
- Demonstrator MF 3545, 125 HP Diesel, 16 speed, MP Trans, cab with air, new warranty
- New MF tractors have settlement allowance, waiver of finance charges or low rate financing

MF BALERS IN STOCK
- New MF 224 baler with 212 hyd. drive bale thrower.
- Used MF 128 baler with thrower, good condition . **SALE PRICE $3,850.00**
- New MF balers have low rate financing or waiver plus settlement allowances.

MF DISC HARROWS
- New MF 520 disc harrow in stock, 10 ft cut.
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SOIL SAVER CHISEL PLOWS
- New MF 115 7 tooth chisel plow with cutting discs **SALE PRICE $5,245.00**
- Used Glencoe 7 tooth soil saver . . . . . **SALE PRICE $2,100.00**
- New MF 226 Scraper blade, heavy duty, 7 ft. wide **SALE PRICE $525.00**

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Used New Idea 10 ton webb spreader, tandem axle, 2 beaters, hyd endgate, good condition **SALE PRICE $3,500.00**

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NOTICE

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SPECIAL MONEY-SAVING FINANCING

Buy now & finance with MF at a low 8.9% APR...or choose waiver of finance charges till July 1, 1986 on selected used combines.

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1983 MF 850 Hydro	$48,000
1980 MF 760 V8 Hydro	$35,000
1980 MF 760 V8 Hydro	$25,000
1980 MF 550 Hydro	$19,000
1980 MF 540 Gear Drive	$18,000
1979 MF 760 Hydro 6 Cyl	$29,000
1979 MF 760 V8 Hydro	$29,000
1978 MF 760 V8 Hydro	$22,000
1978 MF 750 Hydro	$22,000
1976 MF 760 V8 Hydro	$18,000
1976 MF 760 Hydro	$19,000
1976 MF 750 Hydro	$12,500
1975 MF 750 Gear	$19,000
1975 MF 760 V8 Hydro	$15,000
1975 MF 750 Hydro	$12,500
1974 MF 760 V8 Hydro	$15,000
1974 MF 760 Gear	$9,500
1973 MF 750 Gear	$12,500
1974 MF 760 Hydro	$14,000
1972 MF 760 Hydro	$15,500
1972 MF 510 Hydro	$12,000
1972 MF 510 Gear	$9,000
1972 MF 300 Gas	$6,500
1971 MF 510 Gas	$8,500
1971 MF 510 Gear	$8,000
1971 MF 410 Gas	$6,500
1972 MF 300 Gas	$6,000
1971 MF 300 Gas	$6,000
1970 MF 300 Gas	$6,500
1970 MF 300 Gas	$6,500
1968 MF 510 Hydro	$9,500
1968 MF 510 Gear	$8,000
1957 MH 82 Combine	$600

USED TRACTORS	
MH Pony w/Plow & Culti	$1,400
MH Pony w/Plow & Culti	$1,600
Farmall Super A w/Plow & Cult	$2,100
IH 574 Diesel Std	$4,800
MF 175 D MP JB	$4,500
MF 175 D MP Std	$4,300
MF 178 D	$4,800
(2) MF 1135 MP No Cab	@ $9,000
MF 1155 MP & Cab	$9,000
Ford County 1164 4 Wheel Drive	$6,800
MF 11 Industrial Shovel Loader	$9,500

DEMO & RENTAL TRACTORS	
MF 4880 4-Wheel Drive	$49,000
MF 3545 Cab M P	$28,500
MF 670 Cab 4 Wheel	$20,500
MF 670 Cab	$15,700
MF 250 8 Speed	$9,750
Northwestern 81 Skid Steer w/Bucket	$14,500

TILLAGE	
Glencoe 11' Field Cult	$1,900
Glencoe 9 Tooth Soilsaver	$6,900
MF 820 19' Wing Disc	$7,500
MF 820 19' Wing Disc	$8,500
MF 233 Disc Harrow	$4,100
MF 301 Soil Conditioner	$6,750
Amco F15B 18' Wing Disc	$12,800
MF 730 Offset Plow Harrow	$3,500
MF 345 3/16 Reset Plow	$2,800
MF 345 3/16 Reset Plow Demo	$2,500
MF 43 2/16 Plow	$1,150
MF 43 2/16 Plow Demo	$1,050
MF 43 3/16 Trip Plow	$1,650
MF 880 6/16 Hyd Reset	$6,500
MF 880 4/16 Hyd Reset	$1,200
IH 550 4/14 Semi-Plow 2 @	$650
Oliver 46 3/16 Plow	$425
Semi Plow 5/16	$700
Brady 10' Chisel Plow	$1,800
IH 45 3 Pt Field Culti	$975
Bush Hog Offset Disc Harrow	$4,000
Kewanee 730 Wing Disc	$1,900
Dunham 12' Cultipacker	$1,290
McConnell 12' Field Cultivator	$900
Hesston 3 Row Harvester Head	$1,100
NH 818 SP 2 Row Forage Harvester	$1,900
Brillion 12' P T Field Cultivator	$1,100
Oliver 565 4 16 Semi Plow	$900
John Deere F 350 5-16 Hyd Reset Semi Plow	$2,200

HAYING & MISC. EQUIPMENT	
E Z 16' Forage Box & 12 T Gear	$5,700
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Tye No-Till 10' Drill	$8,500
MF 33 17 Run Grain & Fert Drill	$2,200
MF 925 9' Haybine	$,800
Belt 16' Aluminum Elev w/Motor	$750
Electrospray 110 Gal Air Sprayer	$2,650
Walsh 3 Pt Sprayer w/Boom	$850
Danuser Wood Splitter	$700
Danuser Post Driver	$1,300
Trail Blazer 3 pt Crane	$129
(2) Trail Blazer 3 pt Ball Fork	$195
MF 226 8' Scraper Blade	$535
Yrk 7' 40BC Scraper Blade	$375
York 7' 55BC Scraper Blade	$590
MF 222 5' Scraper Blade	$310
York RW 7' Landscape Rake	$1,275
Zimmerman 8 Ton Gear	$680
MF 5 5th Wheel Steer Gear	$350
E Z 6 Ton Gear	$525
E Z 1074 10 Ton Gear	$1,150
Brady 12' Flail Chopper	$800
King Kutter 6' Rotary Cutter	$500

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10% DISCOUNT ON SHOP LABOR

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- EY25W, 6.5 HP, Recoil..... $245
- EY27W, 7.5 HP, Recoil..... $310
- EY27W, 7.5 HP, 6-1 Reduction $380
- EY27W, 7.5 HP, Pump Shaft..... $305
- EY27W, 7.5 HP, Electric $445

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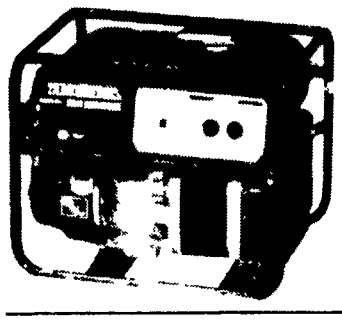

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IH 1466, No Cab, Duals
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JD 4430 QR, Cab
Deutz DX110 Cab w/Air

• COMBINES
JD 15' Rigid Platform
JD 7700 Rotary Screen, Hydro, 643, 15' Grain Head

• PLANTING EQUIPMENT
JD 1240 4R Double Disc
Oliver Drill 13x7
AC 330 4 Row Planter
JD 7000 4 RN No-till
JD 1440 4 Row No-till
JD 1240 Plateless w/Fert.
AC 333 No-till

• TILLAGE
JD F145, 4-16 Semi Mtd. Plow, like new
Ford Disc 24'
JD 215 Disc, 12'
JD 310, 14' Disc
Brillion 14' Mulvimulcher
Brillion 15' Roller Harrow
IH 21' 3 pt. Field Cultivator
Chatanooga 17' Packer

• HAY & FORAGE
JD 3800 Forage Harvester w/2 row Wide Corn Head

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6' Rear Scraper
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Woods 15' Rotary Cutter
JD 509 5' Rotary Cutter
Woods 6' Rotary Mower

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John Deere 310A, 1978, Cab, Tag 1936..... $20,000
Ford 4500, 1975, Cab, Tag 2485..... $11,000
IH 270A, 1979, ROPS, Canopy, Needs Trans. Work, As Is..... $9,500
IH 270A Tag 5072, 1979, ROPS, Cab, Excellent Condition..... $14,000

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JD 350C Wide Track LGP, New Undercarriage, Excell. Cond. . . $26,000
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Bobcat 610, 1977, Reconditioned, Standard Tires $4,400
Bobcat 642, 1984, 600 Hours Tag 7040..... $9,500
Bobcat 643, 1983, 900 Hours..... $8,500
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TRACTORS

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JD 4430, no cab, syncro range, clean tractor
JD 4240 w/fact cab & air, quad range
JD 4230 w/fact cab & air, quad range
JD 4020 Diesel dual hyd , WF side console w/year round cab
JD 2940, 1980 model, fully equipped very nice
81 model JD 2640, late style w/cab w/reverser
JD 2640 w/Hi-Lo, dual hyd with JD 146 loader
JD 2440 38 ' rubber canapy, dual hyd 1300 orig hrs , very nice
JD 3020, Dsl side console, WF nice
JD 3020 D, PS, WF dual hyd , recent engine overhaul
1981 IH 1086, fact cab & air w/western interior equipped w/all the late features
IH 1086, fact cab & air red cloth seat tractor
IH 1086, fact cab & air, radial tires
IH 1466 Fact cab, dual PTO & hyd
IH 1466 Fender Tractor
IH 1066 Year round cab, 20' rubber 1 owner
IH 966, 76 model black stripe w/fact cab & air real nice
IH 966 3 pt WF
IH 1456 w/cab
IH 1456 fender tractor
IH 1256 w/complete engine overhaul
IH 1206 w/new T A & cab
IH 1206 No TA, 3100 orig hrs Adjustable WF 3 pt dual hyd
IH 826, WF, 3pt, 38 rubber turbo
IH 806 Dsl cab & air 18 4x38 radials w/56 Series shift, very nice
IH 856 Dsl tractor w/turbo, 3 pt WFE 38 rubber
IH 856 Dsl WF, fast hitch new TA
IH 766 Dsl WF, 3 pt
IH 686 Diesel, very nice fully equipped w/new cab
IH 666 Dsl Hydro w/cab & air, one owner
IH 784 Diesel, row crop dual PTO, 38 rubber low hours
IH 684 Dsl 1981 model, like new
IH 706 Diesel, clean tractor
IH 656 Diesel, fast hitch WF, dual hyd
Farmall SOLD l w/fast hitch nice
Farmall 460 Gas, fast hitch, nice
Farmall 240 gas utility

HARVESTING EQUIPMENT

K Gleaner w/10 Floating cutter bar Local 1 owner
(2) NI 705 GMC V6 diesel cab, variable speed
NI 701 Inline 6 cyl , gas, variable speed, cab
2 NI 717 Combines 80 models elect auger control spreaders or choppers
NI 713 Grain Head
(2) NI 737 Huskers
NI 727 Husker very good condition
NI 741 Quicktach Throat
NI 740 QuickTach Throat
NI 738 4RN corn head w/stripper bars
NI 731 4R wide corn head w/stripper bar
NI 768 3R WN Chopperhead
NI 725 3RN corn head w/stripper bars
NI 767 Super Chopper w electric knife sharpener
(2) NI 729A shellers
JD 443 4R Narrow Corn Head very good condition

IMPLEMENTS

Taylorway 10 tooth chisel plow 3 pt mounted
Athens 10 tooth chisel plow 3 pt mounted
IH 55 pull type chisel
JD 10' & 14' Disc's
IH 470 Wing Fold Disc 16
IH 5x16 Plow
NH 790 Manure spreader w/hyd endgate

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Dual wheels 34 s and 38's
Year round Cabs to fit IH 544 to 686 like new
3 Cabs to fit 06 series thru 66 series IH tractors
Year round cab for 3010 to 4020
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IH 706 Gas Tractor
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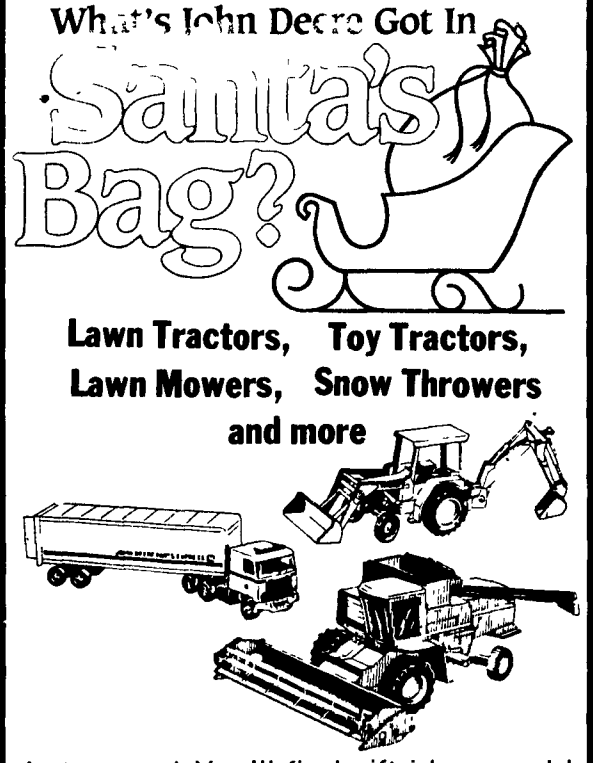

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1600 Plow, 4B, 3-pt, spring reset
2800 Plow, 5B, semi mtd spring reset
710 8'-9" Mulchtiller
712 11'-3" Mulchtiller
940 13' "S" Tine Cultivator, P-T
1010 9½' Field Cultivator, 3-pt
1010 18½' Field Cultivator, P-T
115 11' 5" Disk Harrow
215 12' 10" Disk Harrow w/cushion gang
315 12' 10" Disk Harrow
235 18' 6" Disk Harrow, Dura Cushion, Center Fold
235 22' 9" Disk Harrow, Dura Cushion, Wing Fold

JDFP FINANCE TERMS: APPROVED CREDIT
Used Utility & Row Crop Tractors
Waiver To March 1, 1986

Used Hay & Forage Equipment
Waiver to Sept. 1, 1986

Used Combines
Small Grain-**Waiver to June 1, 1986**
Corn & Soybean-**Waiver to Sept. 1, 1986**

Used Corn Planters
Waiver to April 1, 1986

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	WAS	SALE
JD 4630 S/R, 20 8T, inside whl wts, dual remote	$12,950	$11,950
JD 4010 Gas, WFE, 18 4T	$ 5,200	$ 4,895
JD 3010 Dsl, ROM,	$ 6,750	$ 6,250
JD 2510 Gas, ROM,	$ 4,950	$ 4,850
JD 620 w/3 pt	$ 2,995	$ 2,850
JD 50	$ 1,875	$ 1,675
CASE 2090 12-sp, CAB, dual remote, dual whl	$16,500	$15,900
CASE 1210 12 sp P/S WFE	$ 5,995	$ 4,995
IHC F1066 Dsl , turbo, CAB A/H, WFE dual remote	$13,900	$11,900
WHITE 2-105 Dsl , WFE , dual remote, 18 4 T,	$ 8,450	$ 7,995
OLIVER 1650 Gas, Hydra Power,	$ 6,995	$ 6,495

UTILITY TRACTORS

	WAS	SALE
JD 2940 Dsl, TSS Hi/Lo, dual remote, 18 4 T	$15,500	$14,900
JD 2940 Dsl , Cab, MFWD, 18 4 T LEON H D Loader 7-ft bu	$31,500	$29,500
JD 2640 RU Dsl , Roll Gard & encl	$12,900	$11,900
JD 2440 Dsl,	$10,990	$ 9,950
JD 2040 Dsl , sngl remote, 835 hrs	$ 9,250	$ 9,000
JD 2040 Dsl , sngl remote, w/#145 loader, 84" bu	$10,500	$10,000
JD 1520 Gas, Hi/Lo, Live pto	$ 5,800	$ 5,500
FORD 600	$ 3,150	$ 2,995
FORD 8N	$ 2,150	$ 2,000

CORN PLANTERS

	WAS	SALE
JD 7000 6R"N", dry fert, cross auger, insect	$7,395	$6,995
JD 7000 4R"N", liquid fert, monitor	$6,495	$5,995
JD 7000 4R"W", dry fert, insect, HD coulters, mont	$6,200	$5,995
JD 1240 4R"N", dry fert, insect, DDO	$2,550	$1,995
JD 1240 4R dry fert, insect, runner opener	$1,750	$1,450
JD 1240 dry fert NO insect	$1,500	$1,150
JD 1240 4R"W", dry fert insect, runner opener	$1,500	$1,150
JD 494 4R dry fert att	$ 995	$ 695
JD 1240 4R, dry fert insect	$1,900	$1,195
AC 6-row NoTil, liquid fert	$1,750	$1,295

CORN PICKERS

	WAS	SALE
NI 323 1-row, hyd lift	$3,250	$2,950
NI 324 2-RW 329 Shel	$5,850	$4,950
NI 325 2-RN 327 Husk	$6,995	$5,995

COMPACT UTILITY TRACTORS & EQUIP

	WAS	SALE
JD 750 MFWD w/67 Hyd Loader	$7,150	$6,500
JD 365 front blade w/ext (fits 650)	$1,000	$ 895
JD 448 rotary tiller, 3-pt	$ 995	$ 895
WOODS RM306 rotary mower, 3-pt	$1,050	$ 950
4-FT ROTARY CUTTER	$ 495	$ 395

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JD Liquifire Snow-mobile	Priced To Sell
JD 800 Snowmobile	Priced To Sell

FORAGE EQUIPMENT

	WAS	SALE
JD 5400 SP, Cab, power rear whl drive w/484 stalker head	$38,500	$34,500
JD 5200 SP, Cab, w/3R 30" RC	$24,750	$19,750
NH 1895 SP, Cab, metal deflector, w/4R 30" RC, hay pick-up	$29,500	$26,500
JD 3960 PT, long tongue w/3R 30"	$12,900	$11,500
JD 3960 PT, 1000 pto, elect controls (#2976)	$ 7,950	$ 7,850
JD 35 PT, 2R 30", 5' Hay pick-up	$ 4,500	$ 3,950
JD 38 PT, 2R 38"	$ 1,450	$ 1,350
JD 3R 38" RC (#3108)	$ 1,550	$ 1,250
JD 3R 30" RC (#2312)	$ 3,250	$ 2,750

FORAGE WAGONS

	WAS	SALE
JD 716 Forage Wgn, 3rd bt, roof, 1275 gear	$6,500	$5,500
JD 716 Forage Wgn, 3rd bt, roof 1275 gear	$6,500	$5,500
JD 216 Forage Wgn w/EZ gear	As Is	$1,450

GRAIN DRILLS

	WAS	SALE
JD 8300 18x7 plain, sngl d o , GSA	$2,950	$2,695
JD FB 13x7 w/fert, sngl d o , GSA	$ 950	$ 650
JD 1500 power till seeder 3-pt, 12 op, GSA	$2,750	$2,350

ROTARY CUTTERS

	WAS	SALE
JD 407 Int 7-ft,	$1,050	$ 895
JD 407 PT, 7-ft,	$1,350	$ 995
JD P107	$ 450	$ 395

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	WAS	SALE
GRAHAM "S" PT CHISEL 7-teeth	$225	$200
JD 8-ft bar w/5 sngl spring teeth, 3-pt	$795	$595

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	SALE PRICE
1 pr whls w/11L 15 10P	$ 80
1 pr whls w/9 5L 15 8P	$ 60
1 set (4) whls w/7 50 16 8P	$125
Hood for JD 125 Chuck Wagon	$100

COMBINES

	WAS	SALE
JD 7700 Cab A/H, Auto hdr hth cont (base machine)	$19,500	$18,900
JD 6600 SH, CAB A/H, w/215 flex head 643 corn head	$36,950	$33,500
JD 6600 CAB A/H, Hydro Auto HH C, w/213 Flex head	$24,500	$23,500
JD 4420 CAB A/H, Loss Grain Mon , Straw Spdr , W/213 Flex head	$35,500	$31,500
MF 300 CAB S/H, straw spdr, 13' plat, 33 corn head	$11,250	$ 9,950
NI UNI 702D CAB, 710 combine, 713 plat	$ 7,500	$ 6,500

BALERS

	WAS	SALE
JD 347 w/30 ejector, used 5-mo, like new	$11,950	$11,500
JD 346 w/30 ejector, hyd cyl, multi-luber		$ 5,850

DISK HARROWS

	WAS	SALE
JD 310 14-ft, 3-in	$3,950	$3,450
JD 3000 series 14-ft	$2,950	$2,450
JD AW 28-bl 10-ft	$1,350	$1,250
JD AW 24-bl	$1,300	$1,095

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	WAS	SALE
JD 27 Flail Shredder	$5,500	$4,695
JD F950 Roller Harrow 12 ft	$1,650	$1,495
NI 270 Cut/Ditioner	$2,250	$1,995
JD #9 3 pt mower	$ 450	$ 395
MF #41 mower 3-pt pitmanless hyd cutter bar	$1,050	$ 950
JD 125 4B16" 3 pt	$ 795	$ 595
JD 2600 5B18" semi mtd sp reset ga whl	$5,850	$5,350
JD 896 side delivery rake gr dr 4 bar	$ 975	$ 875
JD #20 sprayer 3-pt for use w/55 gal drums	$ 65	$ 50
JD #535 trailer sprayer 30 ft boom cent pto pump	$1,395	$1,195
NH 367 Tank Spdr w/hyd roll back	$2,350	$1,695

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Ford 356 Less Cab,
Ford 4600
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JD 4020 Cab
Ford 5000 SOS Dsl.
Ford 4500 TLB
Ford 4000
Ford 1100 2WD
Ford 555 TLB, Cab
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AC CA

EQUIPMENT
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NH 315 Baler
JD 24T Baler w/Kicker
NH 717 Harvester
Ford 241 10' Disc Harrow
Ford 11 Tooth Soil Saver
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Ford 4100
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Ford 7000
Ford 7400 4WD & DP
Ford 7600
Ford 7600 w/cab & DP
Ford 7700 w/cab & DP
Ford 8200 4WD 110 h p
Ford 9700 cab DP
Ford TW15 w/cab & air
Ford TW20
JD 2130 1975, w/cab H 4WD
JD 2130
JD 3040 Mech 4WD
JD 3040 w/cab
JD 3130
(3) JD 4040, 2WD
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IH 330 Utility
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IH 227 Cornhead

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IH 455 4-Row
IH 456 4-Row, Nice Shape!
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4 & 6 Row Cyclos, Field Ready!
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#27* 5610 LA314M, S/N, C716739, Load Monitor, Cab w/Air, Padded Tool Box, 4WD, Remote Valves (3), Air Pre-Cleaner, Weights, Stabilizer Kit, AM/FM Radio, Front Tires- 14.9x24, Rear Tires- 16.9x38, 245 Hrs , Very Good..... **$21,000.00**

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#34* TW5 GC415M, S/N- C722[SOLD], Auxiliary Fuel Tank, Cab, Deluxe Seat & Padded Tool Box, 4[SOLD], Remote Valve (3) **$25,500.00**

#35 UC415M TW15, S/N- C722766, Cab, Comfortizer Seat, 4WD, Power Adjust Wheels, Remote Valve (3), Performance Monitor, Weights, Cold Start, AM/FM Radio, Front Tires- 16.9x28, Rear Tires- 20.8x38 200 Hrs., Very Good..... **$32,000.00**

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Fox 2000
Fox SPF Dsl.-Cheap
Fox 2R Snapper Head
Fox Max 1 SP, Cab, 4 Whl., Low Profile Head
NH702 Uni Gas
NI 705 D., Uni $10,500
NI 767 Harvester
NI 741 Feeder House
NI 713 Flex Head
NI 727 Husking Bed
NI 729A Sheller

USED EQUIPMENT
White 5400 6 Row, no-till
White 543, 4R, No-til
Glenco 27' Field Cultivator
Crustbuster 18' HD Sgl. Fold Disc
AC 2600, 18' Wing Disc
10' Bush Hog Disc
Glenco SS7 Stretch Frame, Like New
Vermeer 504F Round Baler
Hesston 5500 Rd. Baler
Hesston 4800 Big Square Baler
Hesston 12' Hydro Swing
NH 675 Tandem Spreader
NI 218 & 245 Tandem Spreaders
NI 213 & 212 Spreaders
Hesston 3-Row Narrow & 3 Row Wide Head
Hesston 4 Row Narrow
Fox 3-Row Belt Head
Fox 2 RN Chain Head
NH 462 Disc Mower
JD 1209 Haybine
NH 479 Haybine
NI Wheel Rake
Fahr 17' Tedder
Brady, IH, Bush Hog 12' Flail Mowers
Hesston 30 Stack Mover
Smoker bin wagon
NH #8 Wagon 3 Beater & Roof
8HP Bedding Chopper
18.4R 38
20.8R 38
Radial Takeoff Tires

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Cochranville, Pa.
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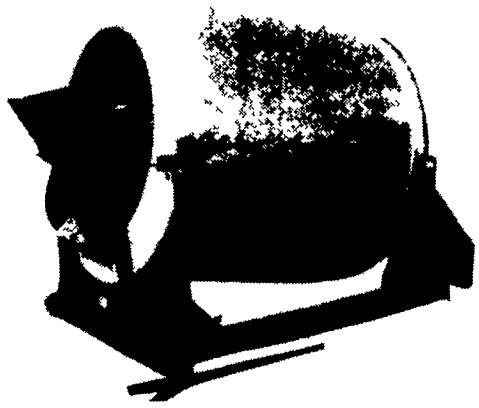
We Have Won The Competition Over With Our Design



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USED EQUIPMENT

NEW EQUIPMENT SPECIALS
New Landall 5 Shank Soil Master
JD 1610 Pull Type 11' Chisel Plow
JD 1710A Pull Type 11' Mulch Tiller
JD 2700 6 Bottom Spring Reset Plow
JD 2600 5 Bottom Spring Reset Plow
JD 1010 13' Field Cultivator
JD 900 V-Ripper 7 Standard
JD 27 Flail Shredder

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NI 323 Corn Picker
$3,500

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JD 4630 w/duals $17,000
JD 4040 ..... $20,500
Ford 6000 ..... $ 2,900
Oliver 1650 Diesel Overhauled ..... $ 5,500
JD 4440 w/SG, 500 hrs. $25,500
JD 3010 ..... $ 4,500
JD 2020 w/Hi-Lo, 1900 hrs., new paint ... $ 6,500
IH 1486 w/Duals $16,900
IH BN w/Cult. $900
Long 450 Dsl. $4,500
IHC w/Equip. $1,900
JD 2940 ..... $15,000
JD 730 Dsl ..... $ 3,500

COMBINES
JD 6620 Sidehill w/643 C.H. & JD 215 Flex Head. ..... Call for Price
IH 205 Combine w/3R C.H. ..... $ 5,500
68 JD 45 ..... $ 5,000
MF 300 Massey w/heads ..... $ 6,500

MANURE SPREADERS
JD 680. ..... $3,500

PLANTERS
JD 4 Row Cons. w/Liquid ..... $ 7,500
JD 4 Row Consv. Liquid ..... $ 7,500
AC 4 Row 800 ..... $ 1,500
(2) JD 7000 Cons. 6 Row ..... $ 9,000
JD Cons. 7000 6R. Liquid
JD 8300 21x7 w/Tru-Vee Openers ..... $ 4,100

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JD 315 Disc ..... $ 4,900
JD 950 10' Roller Harrow, Like New .... $ 3,500
JD 1610 Folding Field Cultivator, 22' ..... $ 3,500

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JD 1209 Mower/Conditioner ..... $ 1,500
NH 469 Mower Conditioner ..... $ 1,000
Hesston PT10 Mower Conditioner ..... $ 1,800
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NI 801 Power Unit, 4WD w/818 Combine & 846N Corn Head, 800 Hrs.
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Phone: 717-362-3132

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JD 750 2WD & 4WD
JD 850 4WD
JD 950, 2WD & 4WD
JD 1050 2WD & 4WD
JD 2150
JD 2350
JD 2950 MFWD
JD 4050 SG, QR
JD 4250 SG, PS
JD 4450 MFWD SG, PS

OTHER EQUIPMENT
JD 1065, 1075 & 1275 Wagon

HAY TOOLS
JD 1219 Mower Conditioner
JD 430 Rd. Baler
JD 327, 337 Balers
NH 316 Baler

TILLAGE EQUIPMENT
JD 2800 5B Plow
JD 235 19'11" Disc
JD 115 10' Disc
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow
JD 1000 3B Plow

PLANTING EQUIP.
JD 7000 Cons. Pltrs. 4R & 6R
JD 8200 21x7 Plain Drills

COMBINES & HEADS
JD 643 Corn Head

USED EQUIPMENT
IH 966 Tractor ACWD
JD 3300 Combine
JD 237 Picker
JD 16' Grain Platform
Gehl 600 Forage Harvester
AC K2 Combine
Fox 3000 Fg. Harv.
Lely Roterra 13'6"
JD 6 Row Max Emerge Planter w/Liquid Fertilizer
White 5400 No-Till Planter
1,000 Gal. Zero Bulk Tank, $750

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Quonset Buildings

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JD 4240 SGB, QR
JD 3010 w/148 Loader
Farmall 460 w/Loader
JD 4240 P.S., Low Hrs., SGB Loaded
Set of 34" Duals

HAY & FORAGE
JD 510 Round Baler, Excel.
NH 282 w/Thrower
NH 268 w/Thrower
IH 47 & JD 24T Balers
JD 38 & 35 Harvesters
NH 880 Harvester w/Grass & 2 Row Corn Head
(2) JD 216 Forage Wagons
JD 65 Blower
JD 1209 Mower-Conditioner

SPREADERS
NH 365 Tank Spreader
NH 791
JD 45 3 Pt. Blade
NH 516
NI 208 Spreader

LOADERS
JD 260 Loader
JD 148 Loader

TILLAGE
JD 3 BT 14" Plow
IH 8 ft. Disk
JD KBA 9 Ft. Disk
JD JBA 7 Ft. Disk
Oliver 4 BT 16" Plow
Case 3 BT
JD 1600 8 Tooth Chisel Plow

PLANTERS
JD 1440 No-Till
JD 1300
JD 494 A
IH 13 Disk Grain Drill

NI 311 2 Row Pull Picker
NI 2 Row Mounted Picker
(2) Gravity Bin Wagons
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Lawn & Garden Equipment

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John Deere Sales & Service

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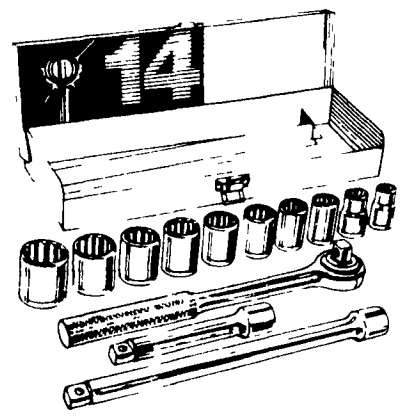
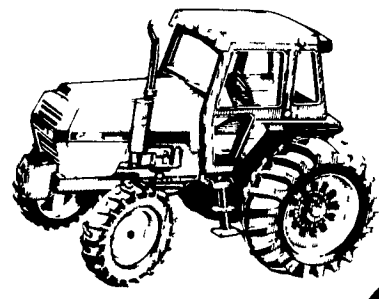
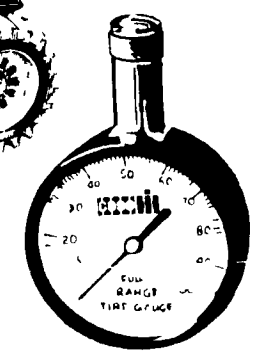
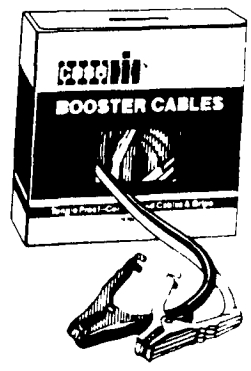
case IH **PARTS VALUE OF THE MONTH**

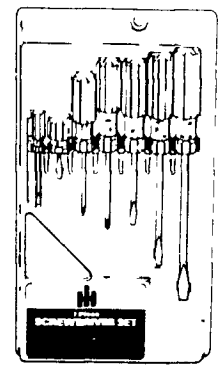
Bell Ringer Specials

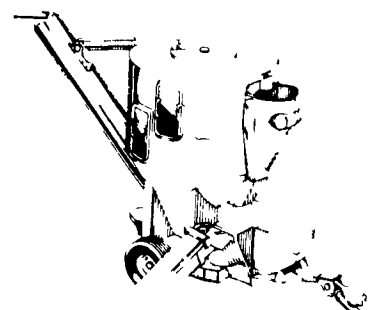












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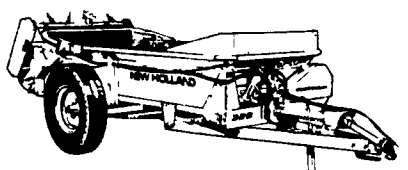
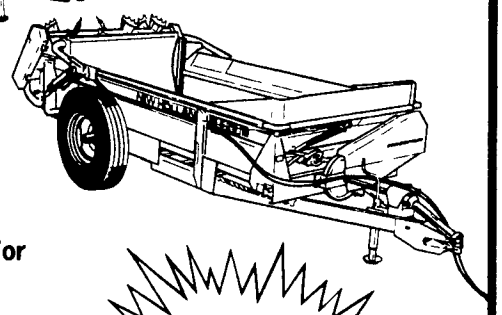


NEW HOLLAND--IN STOCK

213 Spreader (108 Bushels) w/67-H Chain
329 Spreader (138 Bushels) w/67-H Chain
514 Spreader (177 Bushels) w/T-Bar Chain
520 Spreader (217 Bushels) w/T-Bar Chain
680 Spreader (287 Bushels) w/T-Bar Chain



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7.9% Interest for 24 Months
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or
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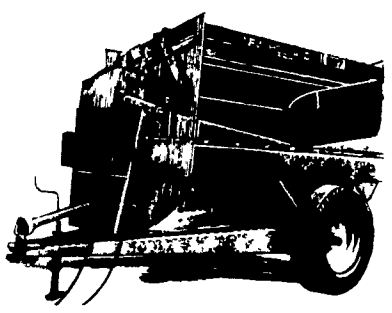

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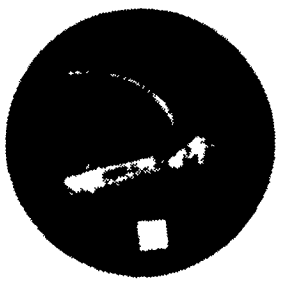

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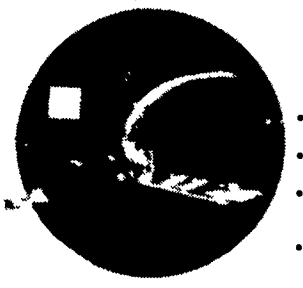

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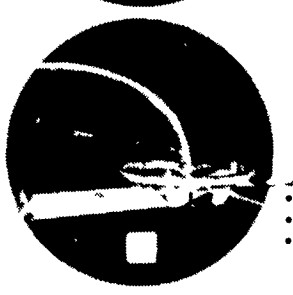

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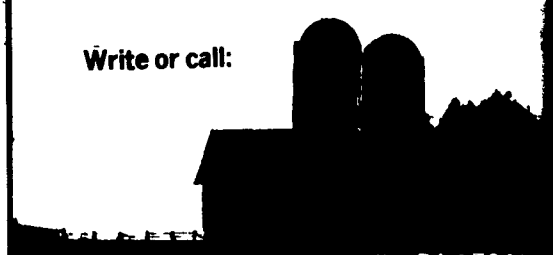

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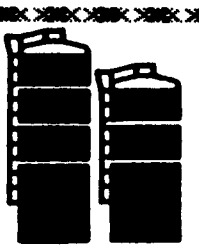

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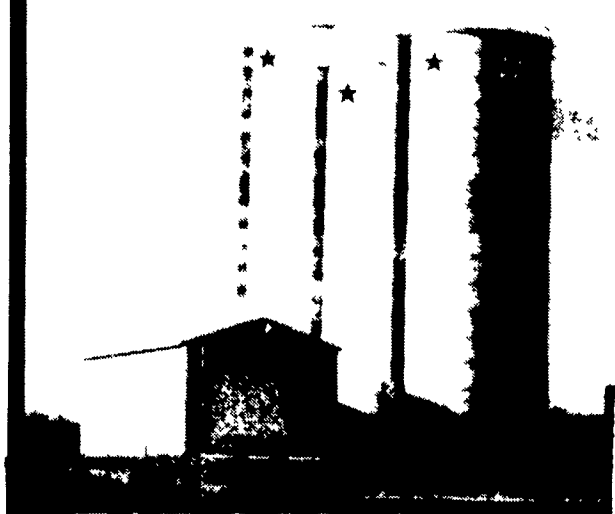

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In A Section, Page 12

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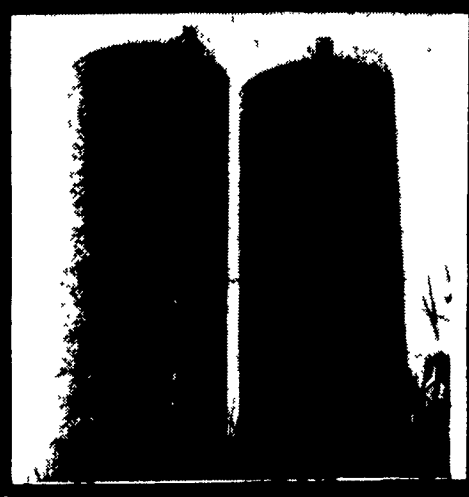

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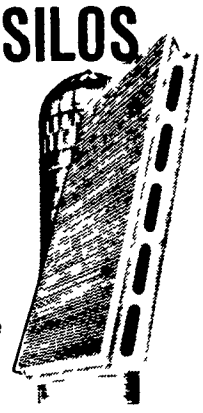

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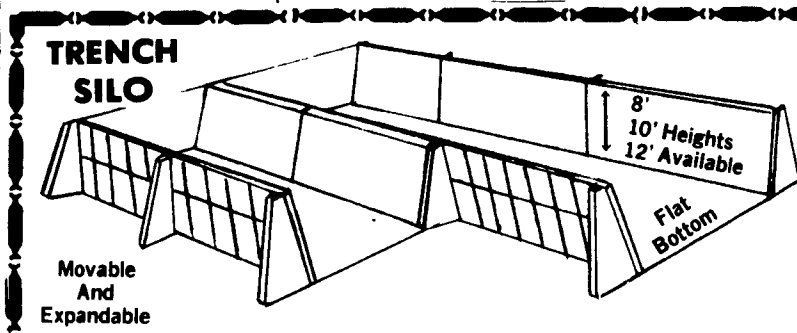

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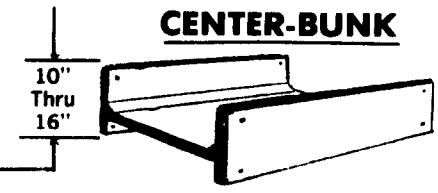

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4 BUILDING AND SUPPLIES

Year-end inventory. Clear out sale. All steel bldgs. 30x40 was $6,999. now $4,708. 50x100 was $25,399. now $16,098. Sale ends Dec. 31. John 717-786-1226. Can Deliver.

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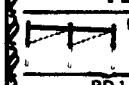

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For Sale: 2 Butler Grain Tanks, 12,000 bushel. 2 Jim Bean Side-blasters. Call 301-754-8573 after 7 p.m.

Four 1 year old 12'x60© hopper bins, holds approx. 50 tons or 2,000 bushels ea., $2,000 ea. or all four for $7,000. Call for details, 717-637-2214.

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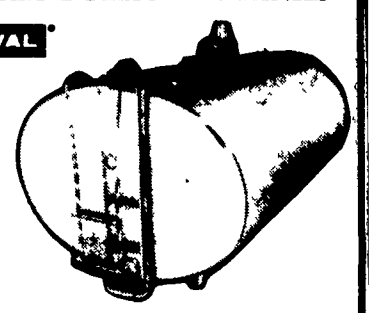

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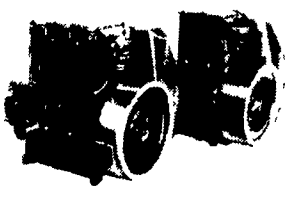

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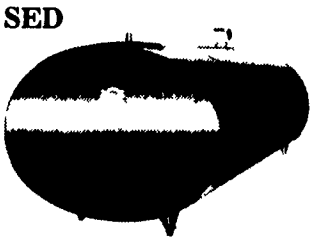

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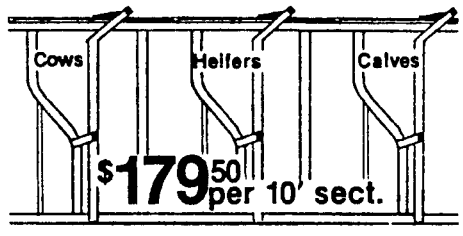

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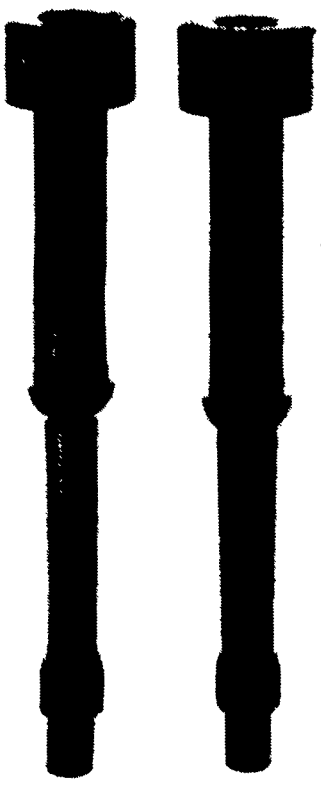
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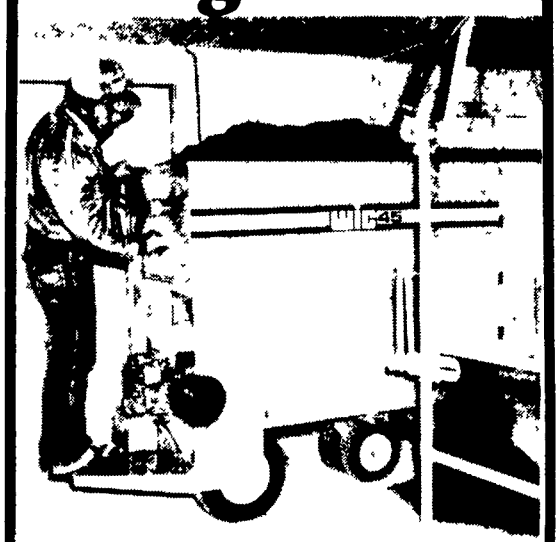
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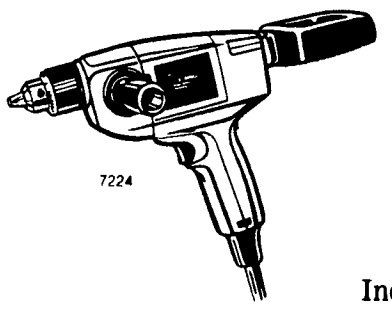

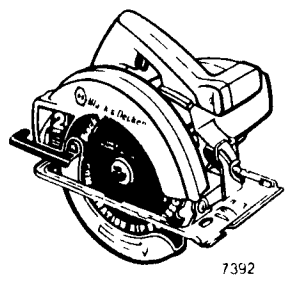

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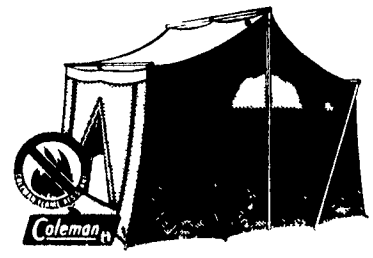

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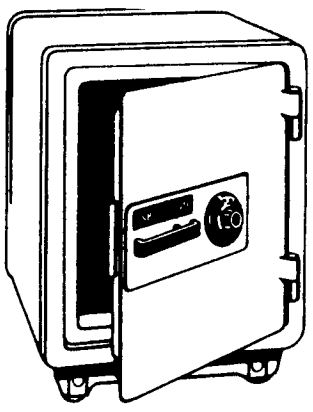

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OUTSIDE: 23¼"hx 17½"w x 17½"d
CAPACITY: 2340 cu. in.
WEIGHT: 160 lbs.

Reg. $149.95

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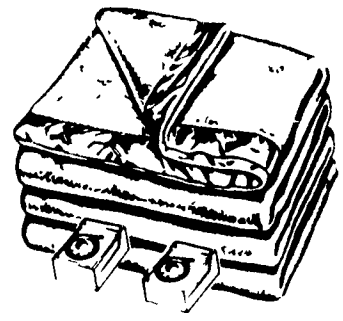

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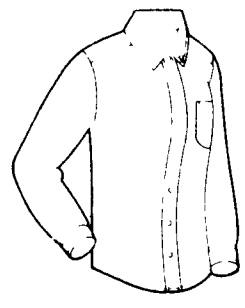

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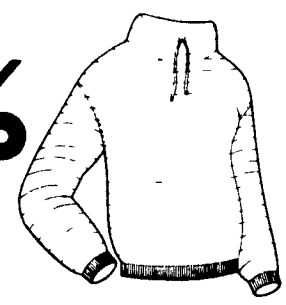

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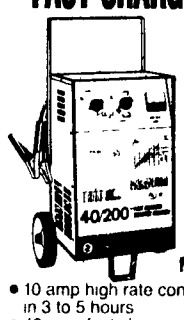

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1 H.P. AIR COMPRESSOR
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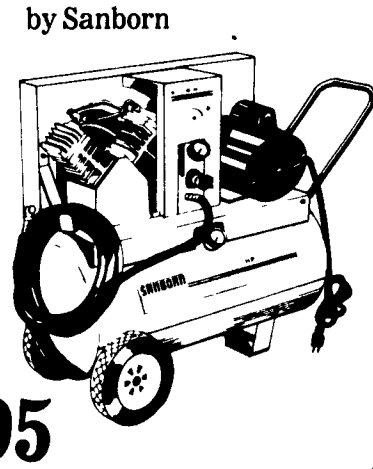
3.7 CFM
@ 40 PSI



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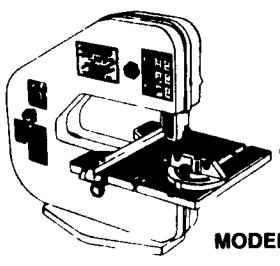
12" BENCH BANDSAW



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MODEL 20412

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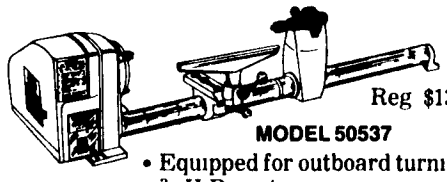

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MODEL 50537

- Equipped for outboard turning
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DURACRAFT

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- ½" Chuck
- 6 speeds 580 to 3670 RPM
- Table tilts ± 0-45
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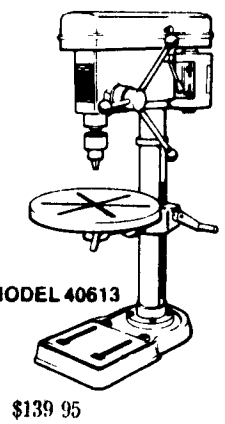

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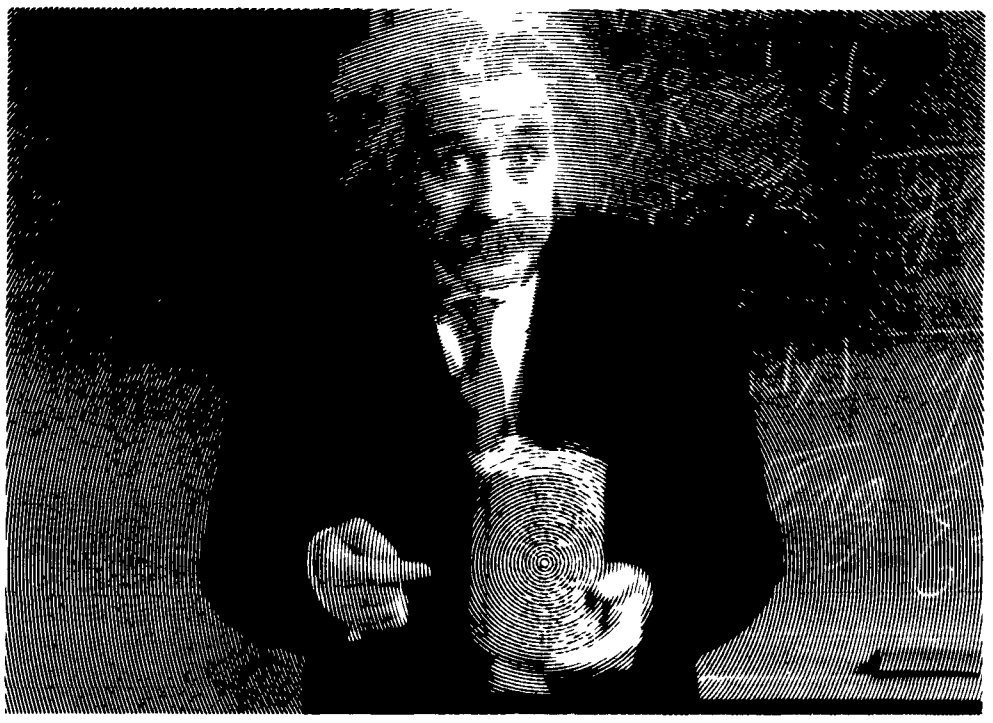

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Poultry manure: economical nitrogen source for corn

NEWARK, Del. – Farming on the Delmarva peninsula is dominated by corn, soybeans and small grains for use by local poultry producers. This cropping system is a classic example of resource recycling, since much of the nitrogen required for these grains comes from the manure which is an industry by-product. In Delaware alone nearly 250,000 tons of poultry manure is generated each year.

Ideally, the system should be virtually self-contained. But for this to happen, farmers must know how to calculate the fertilizer value–especially nitrogen–of the manure they spread on cropland. This enables them to use it more efficiently, reducing the need for additional N from other sources. The result? Lower production costs without sacrificing yield.

Given the nature of many Delmarva soils (sandy and thus easily leached) and the climate (plentiful rain), poultry manure must also be managed so that shallow groundwater supplies are protected from excessive nitrate leaching.

Dr. J. Thomas Sims, a soil scientist at the University of Delaware Agricultural Experiment Station, has completed a three-year field study aimed at developing a management program for the efficient agronomic use of poultry manure in conventional and no-tillage corn production. The project was supported in part by a grant from Delmarva Poultry Industry, Inc. (DPI).

Sims' findings indicate that by adopting the management practices he used, farmers should be able to optimize yields and minimize N losses when using poultry manure and so increase their returns without sacrificing yields. In the process, they would maintain groundwater quality. Sims reported on this research during the national meeting of the American Society of Agronomy December 1-5 in Chicago.

His project compared the effects of poultry manure and fertilizer N applied at four rates in the production of irrigated corn, using both conventional and no-tillage methods. His findings suggest that it is possible to attain equivalent yields with poultry manure while reducing nitrate leaching.

Since Delaware farmers no-till much of their corn acreage, Sims looked closely at the effect of poultry manure versus commercial fertilizer (ammonium nitrate) on no-till yields. He found that when poultry manure was used in a no-tillage system, the three-year yield average was about 80 percent of that obtained with conventional tillage, though no-till applied manure in some cases gave greater yields. This suggests that corn farmers should encouter no major problems from surface applications of poultry manure.

The soil scientist found no significant differences in early whole plant N, ear leaf N or N uptake when using poultry manure instead of ammonium nitrate. In fact, he found a close relationship between ear leaf N from both sources.

Inorganic nitrogen levels were consistently higher in ammonium nitrate treated plots at all sampling dates. Tillage methods had no effect on soil N when poultry manure was used, but no-till treatments which received ammonium nitrate had greater levels of inorganic N at the June and July sampling dates. According to Sims, nitrogen leached below 24 inches by June 4 may be unavailable to corn plants later in the season, a fact which could reduce yields. He found no excessive levels of inorganic N in plots receiving poultry manure at any of the application rates used.

Ohio Feedlot, the largest facility of its type in the state, feeds an average of 7,000 head.

Ohio Feedlot fattens steers on manure ration

BY DEBBIE STILES-RENZI
Staff Correspondent

SOUTH CHARLESTON, OH. – Manure disposal's a problem. High feed costs are a problem, especially pitted against low cattle prices. Impeded growing/fattening rates due to poor ventilation is a problem. Feedlot operators and their consignors have the proverbial deck stacked against them before the cattle are even put on feed.

But there's at least one feedlot operator who thinks he's got all these problems licked, and he answers how with just one word: FermWay.

Dr. William Hackett, DVM, says he's developed a process by which he can efficiently break down and use the huge quantities of manure produced at his 9,000-head capacity Ohio Feedlot (the lot's name, as well as the state where it's located).

The process, which he calls biofermentation, is a way of turning manure and bedding materials into FermWay, a substance Hackett claims can be used as a feed ration ingredient, a bedding material, or fertilizer. Hackett's presently feeding it and bedding his cattle with it.

How does it work?

"We depend on the aerobic bacteria," says George Berkhoffer, a technician at Ohio Feedlot. According to Berkhoffer, naturally occuring bacteria go into action and cause stockpiled manure and bedding to decompose into a dry, crumbling, odor-free product. They've been composting up to 700 tons a week. And all they add is air.

"We monitor it (the stored manure) constantly, for airflow and temperature," adds Berkhoffer. "We rototill it, then put it through a spreader."

The temperature in the 12 processing units used nears 180 degrees during the decomposition process, thereby killing weed seeds and pathogens. Moisture levels, both before and during the composting, are kept at 45 to 50 percent so that decomposition is fast–four to seven days–and disagreeable odors minimized.

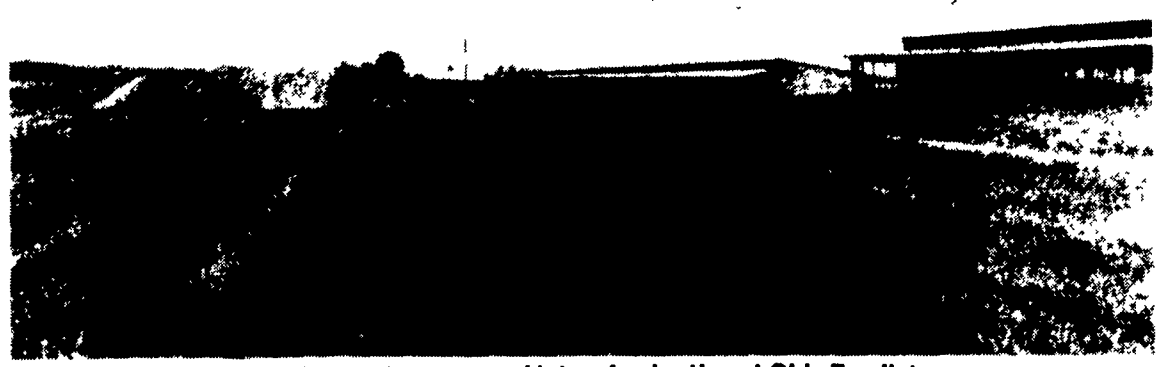
Once they've broken down the manure and sawdust-bedding material into a substance resembling garden compost, the folks at Ohio Feedlot mix it with corn gluten and feed up to an averge of 7,000 head with it, in lieu of silage. Gary Hummel manages Ohio Feedlot for Dr. Hackett, and he's sold on their method and choice of feed. Maybe because of the gains they're making with composted manure/gluten.

"Three-and-a-half pounds average daily gain on steers," he relates. "Two-and three-quarters to three pounds for heifers."

The cattle come in weighing 650 to 850 pounds. They're preconditioned by Ohio Feedlot's all-female crew (management believes women are better with cattle), and then placed in pens which make up the two groups of four buildings connected with a cross-alley.

These quarter-mile-length barns were designed like the wings of an airplane for better air circulation. They were situated a particular way and placed a certain distance apart to permit maximum airflow between pens. These factors, combined with bedding made up of the FermWay product plus bark and sawdust, result in good ventilation. Another problem solved.

Hummel says at Ohio Feedlot they feed custom, primarily, and they don't charge a yardage fee. Instead, they assess a $3 per head handling fee, and then place a 10 percent mark-up on feed, as fed. This brings feed costs to 48 cents to 52 cents per lb., which apparently suits cattle consignors, as they've been pretty well filling up Ohio's largest feedlot with cattle year-round.



Manure is processed into a feed ration at Ohio Feedlot.

Poultry Farm Biosecurity

Biosecurity is a term which is frequently used in conversations or discussions of poultry health. Although the definition of biosecurity may vary from person to person, in general biosecurity is a disease prevention program. It is an active program consisting of specific steps or actions taken to prevent poultry flocks from being exposed to diseases caused by biological organisms. Poultry diseases are not caused by spontaneous generation; therefore one step in disease control is to reduce the risk of exposure.

The following are procedures that the poultry producer should follow to reduce the poultry disease risk.

1. **Screen wild birds** out of all poultry houses. Care must be taken to use wire which will prevent wild birds from gaining entry to the building but not adversely affect the ventilation.

2. **Sweep up** and dispose of spilled feed at the feed bins. This not only reduces birds on the farm, but also reduces an attraction for rats and mice.

3. **Lock poultry houses** and secure premise entry gates. If the drive to the poultry house does not have an entry gate, evaluate the installation of one to control vehicle traffic.

4. **Stop all service** and delivery personnel and visitors at entry gates.

5. **Restrict visitors.** Permit only essential personnel on your farm and then control or monitor their movements.

6. **Require visitors to sign** a logbook indicating the date and time of visit. A visitor should be considered as anyone who is not a member of the family or an employee.

7. **Allow only cleaned** and disinfected live-haul trucks and crates on your premises.

8. **Make sure that cars,** farm vechicles and equipment have been cleaned and disinfected before allowing them on your farm.

9. **Provide sanitized** disposable outerwear, headgear and rubber slipover boots for essential, authorized individuals who visit your farm.

10. **Use only service crews** (feed delivery, egg pick-up and other operations) who follow strict sanitary standards.

11. **Wash and disinfect** poultry equipment, egg flats and related items that come onto your farm.

12. **No pet birds** or chickens at home should be a condition of employment.

13. Remember that family members can inadvertently come in contact with other poultry or wild birds. Therefore family members should avoid wearing street clothes into the poultry house.

14. Family members who engage in hunting activities should prevent any contact between the clothing used during hunting and those worn in the poultry operation.

Remember, the purpose of a biosecurity program is to protect your livelihood and investment. You should not be intimidated if this program causes some inconvenience for individuals. Likewise you should not be apologetic to or make exception for individuals who are offended by action you initiate to protect your source of income.

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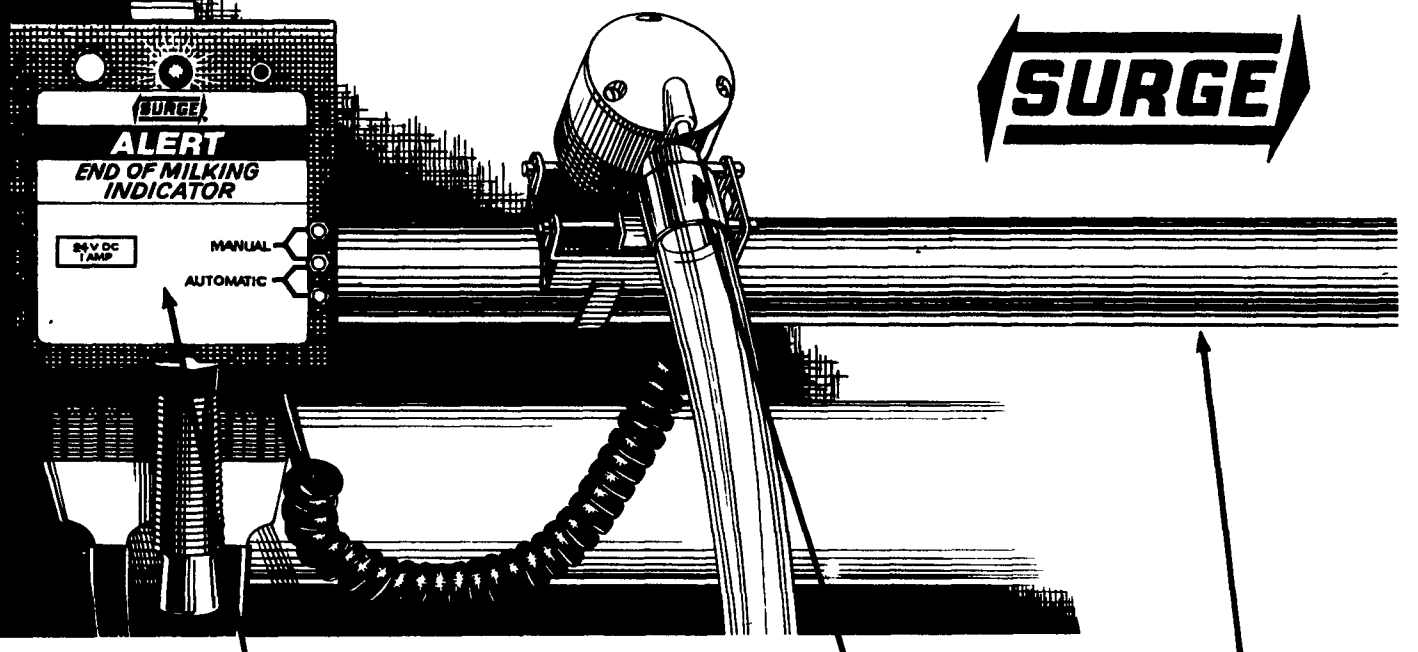

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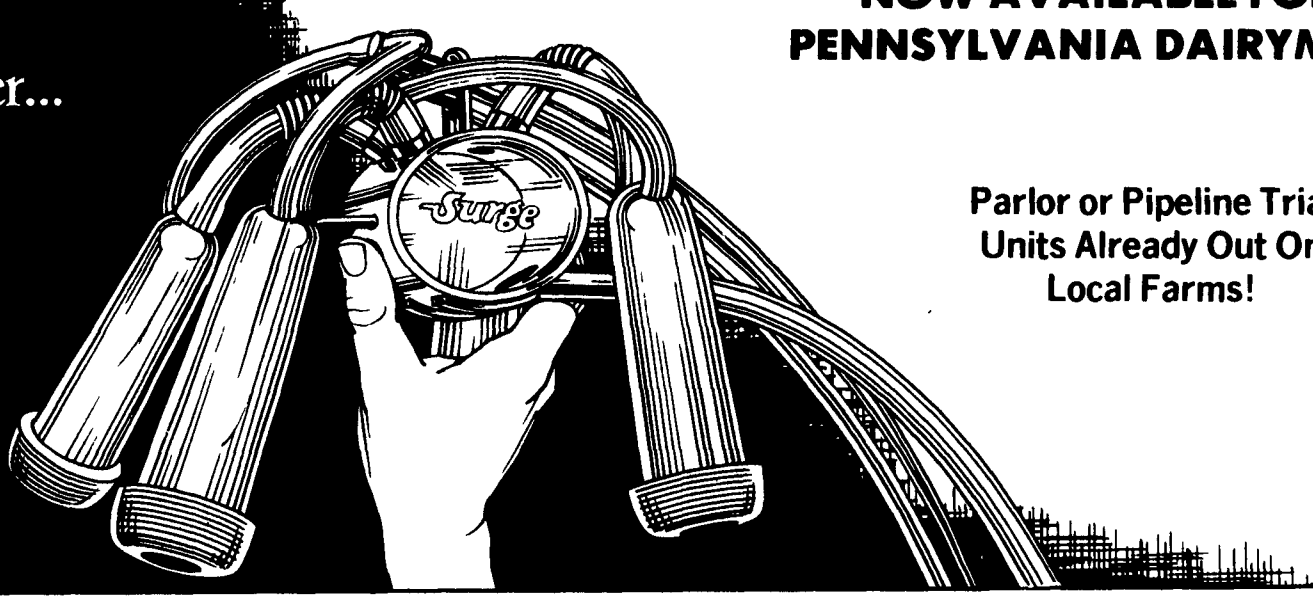

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Farm Talk

By

Jerry Webb

Elasticity of demand--an economic term that is so important to agriculture and so misunderstood by farmers and consumers. The other day I was reading a letter to the editor in a national farm magbazine where the writer had totally misunderstood the term. He had figured out that there was no surplus because he could always sell his wheat any time he wanted to haul it to the mill. He figured the surplus problem was invented to beat down farm prices. But he wasn't reckoning with elasticity of demand.

Economists talk about demand as the amount of something that people need. But they go on to point out that within certain limits people will buy more or less of something they need at different prices. They buy more as the price comes down–less as it goes up.

Let's take milk for example. As farmers produce too much milk the price has to go down to get people to buy it. In a free market, consumers and farmers arrive at a price that will clear the market. All milk produced is sold. But the market isn't exactly free, and over a period of time dairymen have developed the ability to produce more milk than consumers will buy at what farmers call a fair price.

Then someone thinks of a way to pull this excess off the market. But there's another economic law at work.

When people have satisfied their basic needs, only lower prices will encourage them to consume more. After you've eaten one steak you wouldn't pay much for seconds. Small amounts of extra production, then, can have a disastrous effect on prices.

But the reverse is also true. By cutting back just a bit on production, prices take more than a proportionate climb. This means farmers as a group can produce less and make more money.

Economists call this inelasticity. Food, including milk, tends to have an inelastic demand. In contrast, the demand for automobiles tends to be elastic. Most of us could use another car quite easily.

This seems to be one of the most difficult principles to explain to farm surpluses and scream at the folly of paying farmers not to grow things. Or of buying up the excess they have already grown.

But remembering the low stretching point connected with farm demand, it's easy to see that without some effort to control farm prices, we could be in a much larger mess than we're in now.

For instance, a 10 percent overproduction of milk has kept the dairy business depressed for years. A little too much means a weak market and low prices.

On the other hand, a 10 percent shortage compared to what consumers think they want, and prices would take a tremendous jump.

That's why some people can get so excited about holding actions and other efforts to reduce supplies. There are lots of ideas for holding down output–thus boosting prices. Some have worked, some haven't. Some haven't even been tried.

A lot is made out of the efforts that don't work. And consumers complain about the ones that do work. It seems the farmer can't be a hero no matter what happens.

Penn State offers swine correspondence course

UNIVERSITY PARK — The animal science staff at Penn State, with staff from agricultural engineering, veterinary science, and agricultural economics contributing lessons, have written a course about swine.

Commercial Swine Production and Marketing, a correspondence course available from Penn State, is a comprehensive guide for the commercial swine producer or farmer with a hog enterprise.

This 16-lesson course includes information on planning and financing the enterprise, buildings and equipment, improving the swine herd through breeding, feeding and nutrition, marketing live hogs, and all aspects of swine health.

Complete information is given on levels of performance of boars and gilts, reproductive problems, and swine ration formulas. The course is available by sending $14, including handling, to SWINE, Dept. 5000, University Park, PA 16802. Make check payable to PENN STATE.

ACE markets system to cut nitrogen loss

SALINA, KS — ACE Services, Inc. is the exclusive U.S. source for an economical, easy-to-install system designed to allow NH_3 applicators to inject precise amounts of nitrification inhibitors such as Dow Chemical's N-Serve™ along with anhydrous ammonia. The system adds the nitrogen stabilizer at the meter manifold — bypassing the nurse tank and flow regulator.

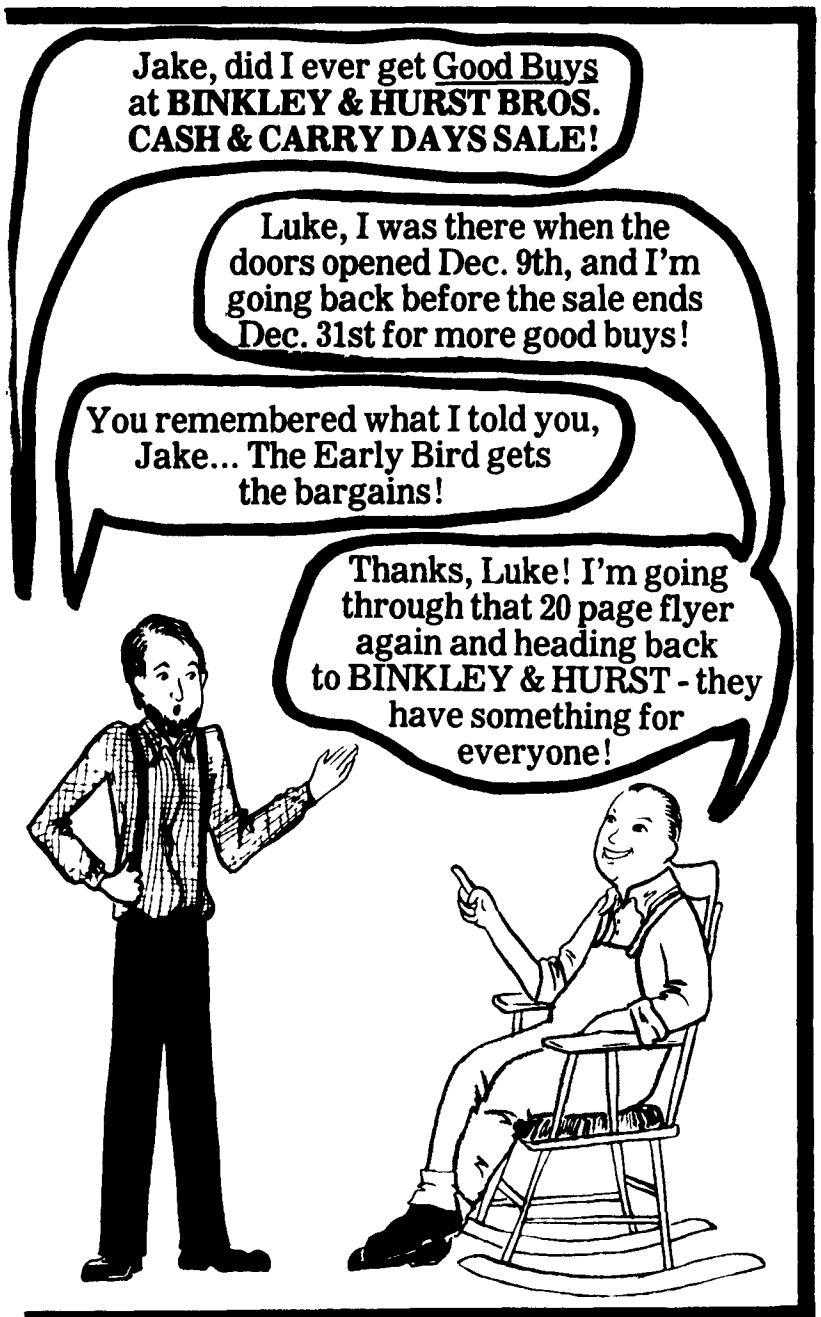
When inhibitors are mixed directly into the ammonia during the filling process, the nurse tank, flow regulator and other components are subjected to the highly corrosive effects of these chemicals. Over time, maintenance and damage to equipment can be significant. By introducing the inhibitor at the manifold, the ACE system eliminates corrosive contact with mild steel and aluminum parts.

The heart of the system is a patented stainless-steel pump developed by USS Agri-Chemicals, a division of United States Steel. The ACE USS A-Tech™ pump has only one moving part and is engineered for extremely precise metering of small quantities. For additional accuracy, the pump's oversized DC motor maintains constant speed under load. An electronic switch provides convenient on-off control to reduce costs where soil or crop conditions suggest spot application.

The A-Tech pump is a self-contained unit that's easy to install on rental equipment and economical enough for farmer-owned applicators. It comes in a dust-proof cabinet complete with tubing, electrical harness and mounting bolts and runs on a tractor's 12-volt DC electrical power. An alarm in the control unit sounds whenever the chemical flow is interrupted.

ACE is a leading manufacturer and supplier of anhydrous ammonia, dual application and other liquid fertilizer application equipment for farmers and dealers. Company spokesmen note that the growing popularity of N-Serve™ and similar products makes the A-Tech system a low-cost option for dealers who want to attract additional business without the expense of installing stainless-steel hardware on their rental applicators.

Additional information and prices may be obtained by writing ACE Services, Inc. at P.O. Box 307, Colby, Kansas 67701. Or Call 1-800-255-8280 toll free. ACE's toll-free number in Kansas is 1-800-432-0082.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How to select your Christmas tree

DOVER — As America rediscovers her roots in tradition, more and more families each year are turning to a living symbol of the Christmas season — a fresh, natural evergreen tree.

Most folks still rely on "choose and cut" farms, where generally you cut the tree you select, or one of the many vendors who display their trees at garden centers or retail lots this time of year.

No matter what method you use, the Pennsylvania Christmas Tree Growers Association recommends these guidelines for selecting a tree and setting it up at home.

SHOPPING

Freshness is extremely important to tree buyers, and there are two tests for it. First, gently bend a needle between your fingers. A fresh tree's needles will easily bend. If the needle breaks, the tree is drying out. Second, hoise the tree a few inches above the ground adn bounce it sharply on its butt to dislodge old brown needles that shed naturally in the Fall. If an excessive number of green needles drops, look for another tree.

The fragrance of fresh trees is a common reason people buy them. Fraser and Balsam firs are noted for having the most distinct "evergreen" aroma, while the various pines rank somewhat lower. Spruces are among the least aromatic trees. But the most fragrant evergreen of all is the Concolor or "white" fir. A little more difficult to find, this tree smells like a fresh orange and makes a great conversation piece.

Size. Simply put, don't buy too much tree. That magnificent seven-footer might look terrific on the lot, but the added height given to it by a tree stand and the "topper" could be more than your eight-foot ceiling can accommodate. And don't forget to measure the thickness of the trunk. Make sure it will fit through your tree stand's collar.

AT HOME

Water is one thing your tree will need right away. Before putting it into the stand, make a fresh cut about one inch above the end. This will let the tree absorb water quickly, keeping it fresher longer. Once you've cut the trunk, get it in the water quickly. Otherwise, the cut wil begin to seal itself and defeat the purpose.

Keep the water level well above the cut, and check it every day. There's no need to add sugar, corn syrup, aspirin or other chemicals; according to the Association, plain water is the best holiday beverage for your tree.

Check every strand of lights for frayed cords, burned-out bulbs, cracking insulation or other defects. When you spot one, repair or replace it. Apart from creating a potential fire hazard, using damaged electrical products can result in a nasty shock.

Fire resistant. A fresh Christmas tree is naturally fire resistant because it has a high moisture content. If you keep the base of the trunk soaking continuously in water, the tree will remain both fresh and flame resistant. Both characteristics have been confirmed in a study by the Connecticut Agricultural Experimenting Station. For added insurance, be sure you:

- don't use candles as illumination
- don't smoke near the tree
- keep the tree away from drying sources of heat
- unplug all lights when you leave the home or go to bed

Selecting and caring for a fresh Christmas tree doesn't take any special skills or abundance of time, but it can brighten your home physically and emotionally. It can bring back childhood memories, or serve as the foundation for building new ones.

USDA payments down 9% in '84

WASHINGTON — Government payments to farmers in 1984 totaled $8.4 billion, 9 percent less than the previous year, according to the U.S. Department of Agriculture's 1984 report of Economic Indicators of the Farm Sector.

Direct cash payments for deficiency, diversion, disaster, storage and conservation programs totaled $4 billion, down slightly from $4 1 billion in 1983. Payment-in-kind disbursements totaled $4.5 billion, following the $5.2 billion in 1983, leaving total 1984 direct Government payments at $8.4 billion.

According to the report, wheat deficiency, diversion and disaster payments accounted for the largest share of cash payments, totaling almost $1.8 billion, including $1.2 billion in deficiency payments. Feed grain program payments were down considerably, totaling $367 million, with $296 million in deficiency payments.

Pennsylvania farmers received close to $6.5 million in deficiency payments for corn, barley, sorghum and wheat and 1984 Wheat Diversion Program payments amounting to $238,263. Conservation program payments amounted to a little over $3.5 million ($3,568,292). Conservation programs include the regular Agricultural Conservation Program (ACP), the Long Term Agreement (ACP), Forestry Incentives Program, and the Rural Clean Water Program.

Rural Clean Water Program.

Under the various ASCS conservation programs, farmers pay a portion of the cost of putting conservation measures on their land. This means that the total amount of conservation work done on farms is almost double when the farmers' share is taken into account.

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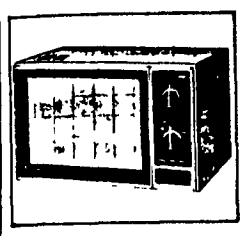

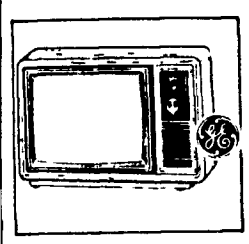

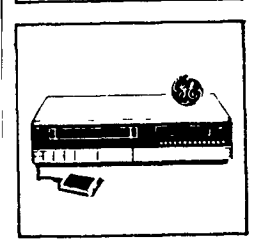

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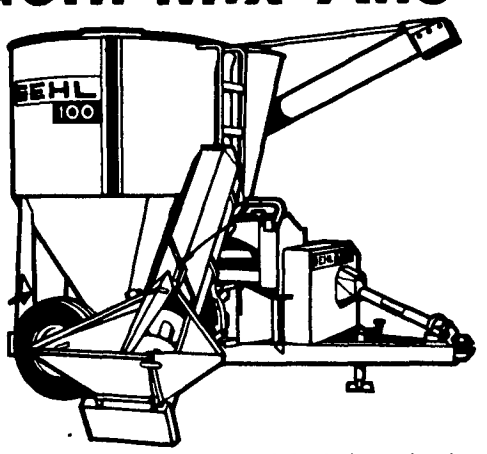

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DEALER INQUIRIES INVITED

BUSINESS NEWS...

Heavy demand causes shortage of IsoPlus

NEW YORK – A sharply increasing demand by dairymen from an 18-state area for Eastman® IsoPlus™ Nutritional Supplement has caused a temporary strain on production, according to the product's manufacturer, Eastman Chemicals Division of Eastman Kodak Company.

"We feel positive about the situation," says Roger K. Mowen, Jr., field marketing manager for Eastman's Animal Nutrition Supplements. "At the same time, this demand has created a temporary backlog of orders. We are working diligently to fill these orders and eliminate the tightness in supply."

IsoPlus is available to dairymen in commercial feed supplements, carrier packs and premixes from feed companies, co-ops and premix companies. Dairy cows fed IsoPlus as directed produce an average of 4 to 6 lbs. more milk per day.

The product was introduced this fall in a number of northern and New England states following its marketing debut in Michigan in early 1985.

"Initial demand from dairy farmers and feed companies has exceeded our original estimates," reports Mowen. "To meet this demand, efforts are currently underway to expand the capacity of our existing semi-works plant in Longview, Texas. In addition, the company's new 'world-scale' plant, under construction at that same location, is expected to be in operation in June, 1986."

Mowen continues, "We know IsoPlus has incredible potential for increasing efficiency and production in the dairy industry based on results of both university and field testing over several years.

"For example, in 54 on-farm trials conducted this year at top dairies across Michigan, nearly 85 percent of the 7,500 cows fed IsoPlus showed an improvement in milk production. The average response from all cows fed IsoPlus for three months was 4.2 lbs. more milk per cow per day.

"Given these results," adds Mowen, "plus the fact that a dairyman should be able to obtain an average of at least a two-to-one benefit to cost ratio using IsoPlus, it is understandable why demand is high for the product. As we make every possible effort to minimize any inconvenience to our customers, we appreciate their understanding and patience. We hope to have our supply line filled in the very near future."

New Idea expands planter line

COLDWATER, Oh. – Expansion of the New Idea Planter line has recently been announced by Mr. Tom Kinzenbaw, Vice President, Marketing of New Idea Farm Equipment Division.

The most recent additions to the line can be seen at 1985 fall farm shows in conjunction with the unveiling of the company's new image and the introduction of their new equipment colors.

The 900 Series Planter line, which includes the well-established Double Frame Planter and the Single Frame Planter models, has grown with the addition of New Idea's Forward Fold Planters.

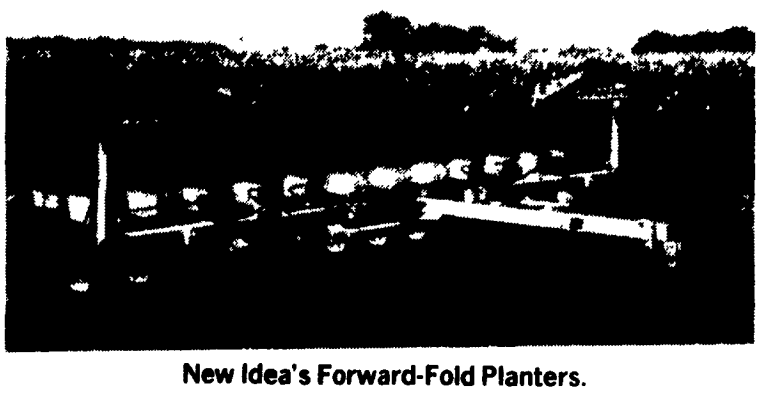
The Forward Fold models provide speed, precision and economy for 8 and 12 row planting operations. The heavy duty folding frame is easy to fold and unfold as the planter wings are well balanced to swing effortlessly on pivot hinges.

Once the planter is unfolded, all that is required is to lock the wings in place and the planter is ready for operation.

The Forward Fold Planter features dual transmission assemblies, one on each end of the planter, to provide power to the center frame and each wing section.

Row markers on the Forward Fold Planters are low profile in design. The 8-row planter features bi-fold markers and the 12 row is equipped with triple folding marker arms.

The 900 Series Forward Fold Planters feature Kinze Row Units for highly accurate planting performance. Both sizes are available with a number of optional attachments for added flexibility to 8 and 12 row planting operations.



New Idea's Forward-Fold Planters.

A new Case International 475 cushion gang disk harrow, designed to operate in rugged field conditions, is now available. This 21-foot folding version with 7½-inch disk spacing is the largest model 475 harrow. All harrows in the line are equipped with patented long-lasting, durable Earth Metal blades.

Case unveils cushion gang disk harrow

RACINE, WI. – The Case International medium-duty 475 disk harrow is now available in a cushion gang model that provides superior performance in rocky and rugged conditions.

The flexible C-shaped cushion gang bearing standard allows the gang to move backward and upward when colliding with obstructions to prevent gang damage. The single leaf design is capable of absorbing high shock loads without bottoming out, while retaining the necessary soft cushioning at initial impact.

Like the conventional 475 disk harrow, the cushion gang harrow is equipped with patented Earth Metal crimped-center disk blades. Earth Metal blades feature a non-directional internal structure which greatly increases blade life and durability. Earth Metal blades are up to 60 percent stronger and last 20 percent longer than conventional blades.

Designed with opposed action gangs, Case International harrows are easier to level and result in superior seedbed conditioning when compared with competitive offset-tandem models.

A spring-cushioned, self-leveling hitch is standard on both 475 models. This advanced hitch system keeps the disk level from front to back and eliminates digging in and shallowing out in rough terrain.

The new harrow is available in six widths. Non-folding versions range from 11 ft. 6 in. to 13 ft. 10 in. Folding versions run from 17 ft. 5 in. to 21 ft. Transport widths on folding versions range from 11 ft. to 15 ft. 4 in. Both 7½-and 9-inch disk spacing is offered.

The 475 cushion gang model is one of 14 Case International disk harrow models ranging in cutting widths from 5 ft. 6 in. to 32 ft. The cushion gang feature is also available on the 496 flex-wing disc harrow.

Deutz-Allis develops advanced rotary combine

INDEPENDENCE, MO. – In keeping with its leadership edge in harvesting technology, the Gleaner Combine Division of Deutz-Allis Corporation recently unveiled its new R-Series rotary combines. The R-Series brings a new generation in Gleaner combines – another in a series of new products from Deutz-Allis.

"The R-Series is the evolutionary offspring of the popular N-Series, which was introduced in 1978. The R-Series goes a step beyond the N-Series with many technological improvements that will provide farmers an even more efficient, quality line of rotary combines," commented tom Stadtmueller, Gleaner combine marketing manager.

Of the many unique features on the R-Series, the most important include: 1) a new straw spreader system, 2) a new high-reach bin unloader, 3) a new operator seat, and 4) new Deutz-Allis styling. Stadtmueller said, "the improvements make the R-Series the most advanced and efficient combine line ever offered by the Gleaner Combine Division."

The R-Series consists of three models; R5, R6, and R7. The R5 can handle four-to-eight row corn heads for 15 to 24 f t. flex headers and has a new grain bin capacity of 225 bu. The R6 is designed for six-to-twelve row corn heads or 15 to 24 ft. flex headers and has grain bin capacities of 225 or 240 bu. The R7 has the industry's largest grain bin capacity at 310 bu. and handles flex headers to 24 ft. wide and 12-row corn heads. All three R-Series models operate with 15 to 30 ft. rigid headers.

The new R-Series fits the increasing popularity of ridge-till and minimum tillage farming practices. With available wheel tread spacings of 120 in. and 145 in., the wheels of the R-Series fit ridge-till rows perfectly. The optional 145 in. spacing is achieved without spacers simply by reversing the drive tires.

The new R-Series rotary combine from the Gleaner Combine Division of Deutz-Allis Corp.

The new VariFlow dual straw spreader is a feature tailored to the increased practice of conservation tillage. An optional natural spred chaff spreader with adjustable tailboard and fins is also available for wider distribution of the cleaning shoe discharge. The speed of the dual straw spreaders can be quickly changed to obtain four different width settings to spread the straw evenly over a range of widths. The VariFlow spreader width settings of 15 ft., 20 ft., 24 ft., and 30 ft. are designed to meet the spreading requirements of the available header cutting widths. Paddle pitch is adjustable to produce a variety of spreading patterns.

The standard dual VariFlow straw spreader complements the optional chaff spreader to distribute crop residue evenly over a wide area. This distribution behind the R-Series combine line 1) promotes faster decomposition of material, 2) improves minimum tillage practices, 3) allows tillage work to be done more uniformly, resulting in better fertilizer, chemical and seed application, and 4) helps avoid "strips" due to excess nitrogen build-up. In addition, the shorter length straw from the transverse cylinder accelerates the rate of crop material decay.

Another feature of the R-Series is a new high reach bin unloader to accommodate wider headers and higher grain trucks or wagons. The unloader tube reaches 22 in. higher and 26 in. longer than its N-Series predecessor. To swing the unloader out, a hydraulic cylinder attaches directly to the swivel, eliminating the need for chain adjustment.

The unloader tube in the transport position is 7.5 in. higher than the N-Series and fits perfectly with the R-Series longer rear hood and dual spreader system. The cradle has been moved over the rear axle for better tube support.

For better operator comfort, the R-Series is equipped with the new BacMaster seat. The new seat with fabriform cushion improves durability compared to cut and

(Turn to Page D18)

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Bixlers convert chicken house to dairy barn... and save $100,000

MAYTOWN — Not too many dairymen like to consider the prospect of rebuilding after a disastrous barn fire.

There's the lost stock, the lost production, the lost time investment in developing a good milking string, in addition to all the damage to equipment and buildings.

For Jay Bixler and family, all that and more can be said for the fire that swept through their dairy barn earlier this year.

The Bixlers lost 27 cows and 27 heifers in the fire, which also destroyed a lot of equipment and left only a skeleton of the barn.

What once was a chicken house...is now a thoroughly modern dairy barn.

It took six months, but the Bixlers are back . . . back in production in a way that both the family, and their suppliers are proudly displaying to the public.

With the help of Harvestore Systems Dealer Penn Jersey Products, In., of New Holland, the Bixlers will host an open house Thursday, Dec. 19 from 10 a.m. to 3 p.m.

What visitors will see is modern-looking stanchion-barn dairy facility . . . that started life as a chicken house.

With the help of the New York State designing firm, Agri-Designers and Consultants, Inc., Bixlers converted the unused poultry housing into an up-to-date dairy barn with 102 stanchions.

And, in the process, they saved at least $100,000 over the cost required to construct a new dairy barn at the site of the old one.

"We thought other dairymen should see what Jay has done," said Penn Jersey salesman Bill Wingenroth. "He worked with what he had, and the results are outstanding."

What's more, the former 12,000-layer chicken house, which was retired from poultry production in July 1984, is just a start on the rebuilding process at the Bixler operation.

Future plans call for a much larger barn, and other facilities to handle feed. But all are in the plans.

"They looked over the whole operation, and gave Jay a blueprint that coordinates what he has done with what he wants to do in the future," said Wingenroth.

Right after the fire, Wingenroth noted, Bixler was besieged by salesmen who wanted to rebuild for him. But after a few days to take stock, Bixler wisely chose to undertake a serious study of the entire operation.

In addition to the consulting firm from New York, Bixler worked with County Agent Glen Shirk and several other consultants from

(Turn to Page D9)

Penn Jersey Products salesman Bill Wingenroth stands with Jay and Martha Bixler in front of the Bixlers' new dairy barn, which formerly was a chicken house.

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Bixlers open house

A wide center aisle allows the Bixlers plenty of room to maneuver during milking time.

(Continued from Page D8)

Penn State, Wingenroth said. And the results have been outstanding.

The chicken house, needless to say, required extensive renovations to meet the needs of the dairy industry. A bulldozer cleaned out the old concrete floor, and lowered the surface several inches. And windows and wall materials were added, as well as some insulation.

"But from the inside, you wouldn't know it's not a new barn," said Wingenroth.

Part of the savings, he noted, resulted from the fact that the facility was built to carefully drawn specifications, with none of the on-the-spot negotiations — and changes — that often drive up the cost of construction.

"We knew exactly what we were going to do," said Bixler. "There were no major changes or add-ons."

The consulting work, he added, was well worth the time, effort and money it cost.

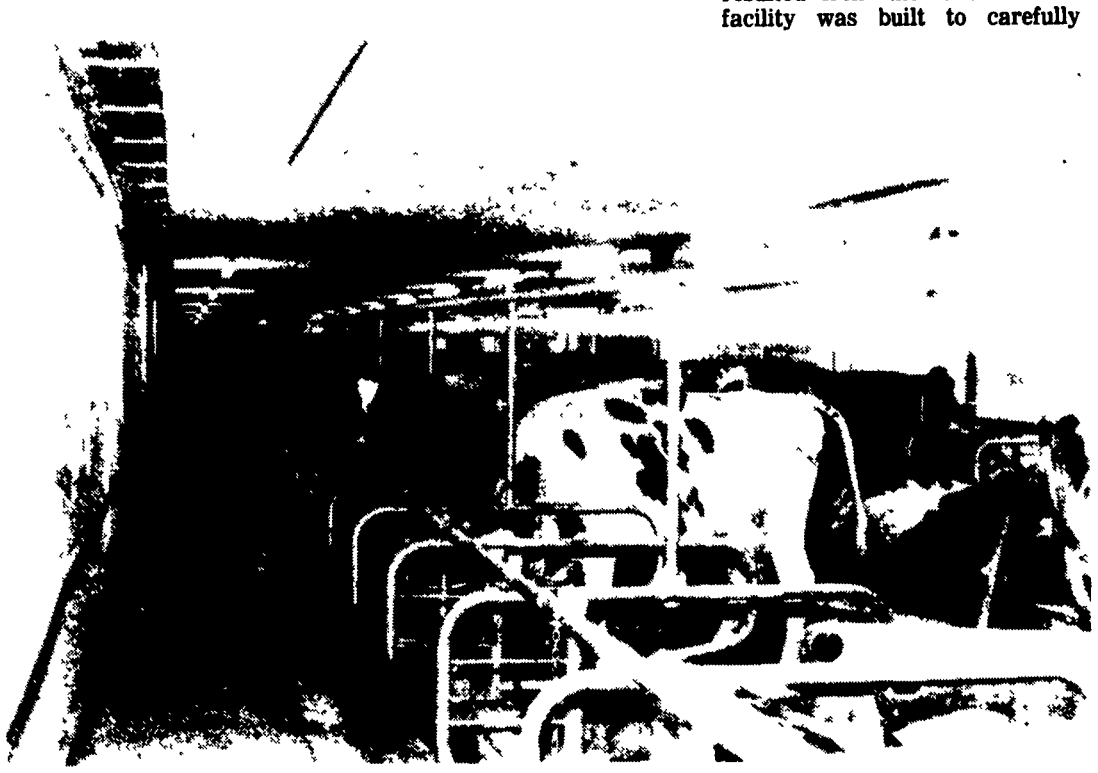
"It's worth the money just to know where you're going," Bixler added.

And while part of the function of the open house is to allow other dairymen to see the facility, said Bixler, it's also a way for neighbors and friends to see how the family is coming along.

About 150 friends, neighbors and even some strangers, helped clean up after the fire, Bixler said. And many, though curious, have stayed away to give the family time to get back on its feet.

"This is our way to show them what we've done, and to say thanks," he said.

Other participants in the open house include Automatic Farm Systems, Rufus Brubaker Refrigeration, Fisher and Thompson Associates, Jack Garner and Sons Welding, Norbco Equipment, R.V. Richards and Sons, Inc., Riehl Construction and White Oak Mills.



Well lit and allowing ample room for a feeding cart, Jay Bixler's new dairy facility shows what can be done with proper planning.

Cochranville dealer to carry Hesston Tilt-Tub Processor

HESSTON, Kn. — Hesston's revolutionary new Tilt-Tub Bale Processor is now available at Stoltzfus Farm Service Inc., Cochranville.

"The unique new Tilt-Tub is today's answer for the growing number of farmers and ranchers using round bales," says Bob Granaas, product sales manager. "It is far more versatile and economical to use than other round bale feeding systems. And, it will handle almost all competitive round bales, large or small."

Tub width of the Model BP-20 Bale Processor is seven and one-half feet and container depth is 49 inches. The exclusive 90-degree tilting tub allows quick, easy self-loading.

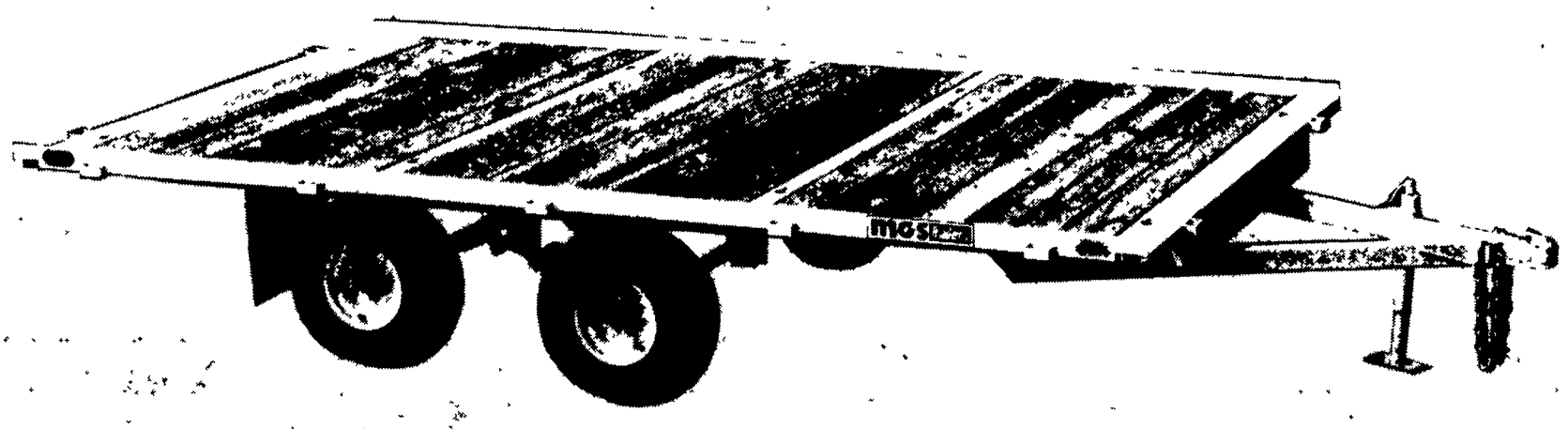
Once loaded, it efficiently processes and feeds bales at an average rate of four to six minutes each. The design of the Tilt-Tub uses the bale's own weight to force the hay into the processor's rotor blades. Changing rotation speed also permits varied lengths for different feeding operations.

The Bale Processor requires 540 rpm and can be operated with as small as a 60 horsepower tractor.

"After field-testing this product through three harsh winters, we have proven its value in wet or snowy conditions," Granaas explained. "It has exceptional speed, reliability and flexibility in traditional bunk or range feeding applications.

"It's so unique," Granaas added, "that we expect many uses will be discovered for it in addition to its designed applications. It's a must for the user of round bales."

MGS Trailers



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Plan would boost sorghum

GREENSBORO, NC — A "first of its kind" dealer-grower program to boost sorghum exports through the U.S. Feed Grains Council is being sponsored by the Ciba-Geigy Corporation.

Under the Sorghum Booster Program, which will be fully underway by early December, Ciba-Geigy anticipates it will donate $100,000 to the Council to be used for expanding sorghum markets overseas.

The success of the Council's export programs has recently been documented. For example, return on investment to producers in U.S. Feed Grain Council programs, in the form of increased exports, has ranged from $175 to $620 for every checkoff dollar invested, according to a sampling of three export programs.

Ciba-Geigy initially will donate $50,000, the rest to be determined by grower participation in the program. At in-store dealer displays, growers can pick up a card that will familiarize them with the benefits of Dual and Bicep, two herbicides used for control of weeds and grasses in sorghum. After they read the card, growers are asked to fill it out and return it to Ciba-Geigy.

For each card received, Ciba-Geigy will donate $1 to the sorghum fund. "We anticipate that we'll donate at least another $50,000 through the grower-participation part of the program," said Earl Hartzfeld, Ciba-Geigy advertising and promotion manager for Bicep herbicide and Concep seed safener.

Hartzfeld said improving sorghum exports is important to Ciba-Geigy. "With prices depressed at the farm level, we saw an opportunity to help in a way that extends all the way from providing high-quality, high-performance herbicides that boost sorghum production to opening up overseas markets.

"We think this is the first program of its kind to boost sorghum exports," Hartzfeld said. "Sorghum generally has taken a back seat to corn and soybeans and, in some cases, cotton."

About 16 million acres of sorghum are produced annually, 80 percent of it grown from Nebraska through Kansas, Missouri and Texas. About 40 to 50 percent of total production is exported. "Obviously, when the numbers are that high, we need to maintain a lively export business. If we were to lose some of our overseas customers, the sorghum market would change dramatically," Hartzfeld said.

"We're hopeful that, with funding assigned enhance sorghum export sales, the U.S. Feed Grains Council will be able to find new markets for the product, which in turn could help deplete excess reserves," Hartzfeld said.

"We're excited about the increased export promotion prospects this Sorghum Booster program offers," said Darwin Stolte, U.S. Feed Grains Council president. "When combined with existing export expansion funds, this money will help the Council effectively promote exports of U.S. sorghum by allowing us to increase present Council programming around the world.

"We commend Ciba-Geigy for its insight in working to build long-lasting markets for U.S.-produced sorghum and thank them for investing in the U.S. Feed Grains Council and its long-term export expansion programs," Stolte said.

Favorable feedback about the program already is coming in from seed companies around the country, Hartzfeld said. "What we're hearing is that the program is appropriate for our industry and they applaud us in our efforts. It's in everyone's best interest to keep the sorghum business strong. We believe that this approach is the best way to accomplish something meaningful and lasting in the marketplace."

Pa. bull chosen by Select Sires

PLAIN CITY, OH. — 7H1993 Hi-De-Ho Bova Chancellor-ET, bred by Bobbi Jo Hoover, Martinsburg, Pennsylvania has been chosen to enter Select Sires' Proving Program for Genetic Advancement (PGa) sire sampling program.

Based on his outstanding pedigree, this young sire has been selected as one of 140 Holstein bulls from throughout the United States to enter the program in 1985.

7H1993 Hi-De-Ho Bova Chancellor-ET is sired by the Elite TPI sire Rockalli Son of Bova, a Gold Medal Elevation son. The dam, Hi-De-Ho Sensation Connie, a "Very Good" 87, has a fine two-year-old record of 2-4 365d 2x 26,474M 3.7% 989F and a top record of 4-7 344d 2x 26,734M 3.5% 947F. The grandam is also "Very Good" at 86 points and holds a top record of 5-3 365d 2x 27,060M 3.6% and 985F.

Select Sires is a family of 11 farmer-owned and controlled A.I. cooperatives serving the largest number of co-op members in the United States. 7H1118 Arlinda Rotate, the Holstein breed's top TPI and PD dollar value sire, is an example of the superior genetics Select Sires offers. These genetics assist the federation in achieving its basic objective - to supply livestock breeders with the industry's top genetics.

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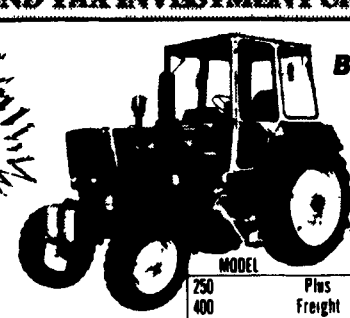

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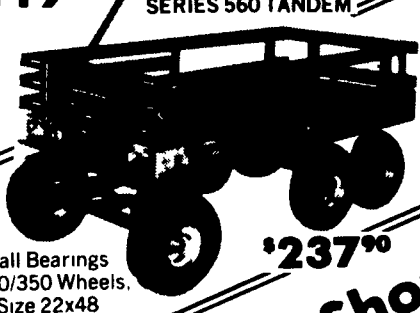

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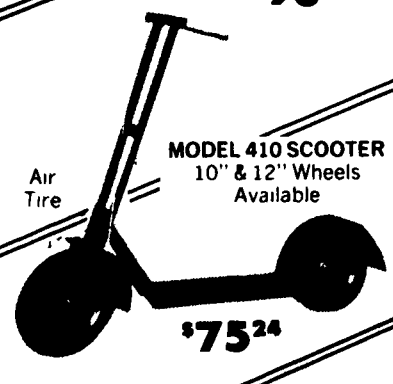

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Velsicol builds plant to manufacture pesticides

CHICAGO, IL — Plans for the construction of a new multi-million-dollar manufacturing facility in Beaumont, Texas, were announced today by Arthur R. Sigel, president and CEO of Velsicol Chemical Corporation, a worldwide manufacturer and marketer of agricultural and professional pest control products.

According to Sigel, the significant investment in the new facility is a part of the company's long term strategy for growth through the commercial introduction of new products and widening its scope of operations in both domestic and international markets.

"The new multi-purpose plant," says Sigel, "will provide us with large-scale production capacity during the early commercial development stages of a new product's lifecycle. This in turn will allow an efficient, cost-effective penetration and expansion into new global markets through the introduction of new products."

Several new agricultural pesticides designed to serve a broad range of crop protection needs are in various stages of research and development at Velsicol. Two of those products are targeted for manufacture at the new Beaumont facility in time for commercial introduction in 1987. The multi-million-dollar plant is designed for flexibility in order to accommodate additional new products in the years ahead, according to Sigel.

"The manufacturing facility will also be an industry model of employee and environmental protection and safety," states Sigel. "It will be in full compliance with current and anticipated regulations--in concert with Velsicol's commitment to high quality and environmentally safe products."

Plans call for plant construction to begin in early 1986, and be completed next fall in time to produce two new agricultural herbicides, Probe® and prodiamine, in market quantities for the 1987 cropping season. Velsicol's existing Beaumont plant is currently the site for the production, packaging and distribution of the company's Banvel® herbicide formulations.

Velsicol also operates manufacturing plants in Bayport, Texas, Chattanooga and Memphis, Tennessee, Marshall, Illinois, Sao Paulo, Brazil, and San Luis Potosi, Mexico.

Probe® and prodiamine will be highly significant additions to the Velsicol agricultural product line, affording "new geographic and crop market opportunities for Velsicol," notes Sigel.

Probe® herbicide is now labeled for control of broadleaf weeds and grasses in cotton and onions, two major markets in which Velsicol does not currently participate. Probe® is approved for use in more than 20 nations and Velsicol plans to expand the label to include additional crops in the US as well as eastern and western Europe, the Far East, Latin America and Australia.

Prodiamine is currently registered under an Experimental Use Permit (E.U.P.) granted by the U.S. Environmental Protection Agency and the California Department of Food and Agriculture.

Under the terms of the E.U.P. prodiamine is being evaluated under the trade name of Endurance® herbicide in the non-bearing tree, nut and vine markets. Prodiamine is also labeled under an E.U.P. for testing in the turf, ornamental and non-crop markets. Full registration of Endurance® on non-bearing tree, nut and vine crops is expected in late 1986.

Velsicol anticipates the eventual marketing of prodiamine in Europe, Latin America, the Far East, and Australia, as well as the U.S.

"Growth in international operations is a strategic priority at Velsicol" says Sigel. Today, Velsicol's involvement in the international marketplace contributes almost half of the company's sales. The company markets no more than 60 nations and employs more than 1,500 people worldwide.

Velsicol Chemical Corporation is an operating unit of Farley Industries, also headquartered in Chicago. Farley Industries acquired Velsicol in the purchase of Northwest Industries earlier this year.

French firm buys Penick pesticides

LYNDHURST, NJ — Roussel-UCLAF, the pioneer French producer of pyrethroids, has acquired the Penick Corporation pesticides business. The new firm will be known as Penick-Bio UCLAF Corporation.

Further details about organizational plans and changes will be announced at a later date.

Following the sale of the pesticides business to Roussel-UCLAF, Penick Corporation will concentrate its operations in the Controlled Substances, Fine Chemicals and Custom Fermentation businesses at its Newark, NJ location.

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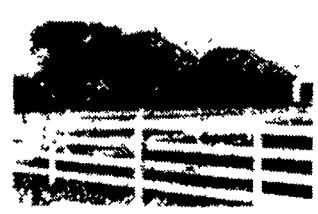

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A6615	115	31	Dekalb 1100	+6.8 Bu.
A6630	115	24	Dekalb 1100	+5.9 Bu.
A6630	115	42	Pioneer 3358	+4.5 Bu.
A6655	116	46	Pioneer 3358	+7.7 Bu.
A6655	116	40	Dekalb 1100	+13.5 Bu.
A6655	116	28	Dekalb 656	+12 Bu.
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Bad water: *Chester Co. researcher looks to algae for answers*

WEST CHESTER – "Monitoring for virus activity in the sludge from sewage treatment plants is just as important, and perhaps more important, than monitoring for heavy metals and/or pathogens," Marjorie Kraus, research director for the Algal Research Center, Landenberg, told legislators at a recent hearing of the Joint Legislative Air and Water Pollution Control and Conservation Committee of the Pennsylvania House and Senate. A series of hearings was held around the state to determine if changes should be made in the guidelines governing the utilization of the heavier organic fertilizer materials from sewage treatment plants.

"There is a crying need for more information," Kraus insisted. She listed several of the fears that the public has about the use of human waste as a fertilizer.

"These fears are primarily health issues: viruses, bacteria and protozoan-caused disease. Also involved are pesticides, heavy metals and more recently, Anti-immune Deficiency Disease."

"The historical E. coli and salmonella tests for pathogens are quite inadequate for present-day health assessments," Kraus said. "Other biological tests presently used have become much too expensive and complicated for serious consideration. The needed test must be simple, easy to run, fast and especially inexpensive," she continued.

"The diseases and conditions that confound the public are relatively new," Kraus said. "The mechanisms by which these diseases spread are still being studied. They are particularly alarming to the citizen because they are sub-microscopic. They can only be seen by using an electron microscope. This means that we must use an economical method of studying the environmental conditions at the genetic level to grasp these mechanisms and interrelationships."

"The algal-viral analysis method provides this low-cost and easily used method. Samples of a stream can be taken at every road crossing. A few drops of the sample provide ample indication as to whether or not there is pollution present in that stream segment," Kraus explained.

"It is apparent that the viruses infecting algae in the streams arise in some manner as viruses shed from sewage treatment plants. The viruses are discharged with the sewage effluent to the streams. Nature then takes over to clean up the stream."

"It appears," Kraus said, "that there is some relation between the algal virus and the viruses that find their way into the sewage. Presumably, a virus from the effluent is able to penetrate the algal cell wall. Once inside the cell, it is able to manipulate the DNA material. A virus is formed which is genetically different from the original virus. Every indication is that when this changed virus is released from the cell, it is no longer virulent to humans."

Kraus has been doing research for 20 years on viruses and algal viruses. She has studied stream samples from Chester County, throughout Pennsylvania and across the country. She has been able to determine that a fish kill was caused by a point-discharge of formaldahyde and not a pesticide as was originally alleged. She is able to pinpoint raw sewage and septic tank discharges to streams.

For the past few years, Kraus' work has been funded in part by the Chester County Conservation District. District Directors have used her monitoring techniques to determine if and to what extent farmers and mushroom growers are polluting Chester County streams.

Recently, the Chester/Delaware Farmer's Association made arrangements for her to collect samples and assess the present and potential impact of agriculture on the streams in farming areas. They also made arrangements for her to do base line studies around members' farms.

The objective is to provide farmers with information about any pollution that might be leaving their property. They would then be able to correct the conditions causing the problem before it became serious enough to damage someone else's property.

The board of directors of the Farmer's association also wants to determine if their farms and their farming methods are the major cause of the decline of the fish, and shellfish harvest in Chesapeake Bay. This has been alleged in the $27 million Chesapeake Bay study. Spokespeople for the Bay projects continue to allege that agriculture is the major culprit.

Marjorie Kraus has not been able to locate any serious pollution caused by agriculture in Chester County streams by the time the water reaches the border between Pennsylvania and neighboring states.

Chemist Marjorie Kraus says her algal-viral method of assessing water quality is a practical, low-cost alternative to inadequate tests currently in use.

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Dairy Pipeline

By
Glenn A. Shirk
Extension
Dairy
Agent

Hard times bring out best

Who are you working for? Yourself? The bank? Uncle Sam? As farmers, most of you are self-employed, but how often do you feel like you are really working for someone else?

That leads me to another very important question. What are you really working and farming for? Hopefully it is for a purpose more worthy than just trying to make payments on bills. Hopefully, it is for the purpose of helping you fulfill your own and your family's goals. Do you even know what these goals are?

These may be uncomfortable and difficult questions for you and your family to address. Nevertheless, they are probably worth discussing and reviewing periodically. Worthy, realistic goals can add purpose to your life's work, making each day worth living to the fullest. They help you focus on the good things in life, elevating you above the problems of the day and bringing out all that positive energy pent up within yourself.

Are we bound by life as it is now, or are we challenged by what life can be? The choice is ours. During the past year or two, I've had the opportunity of visiting with many farm families. Like you, I've also read and heard about the hard times farmers and agri-businesses are having. I see how it is affecting people's lives: how it is affecting their physical and emotional health, how it is straining family relationships, how it is creating tension in communities and farm groups. And, I am concerned.

On the brighter side though, I have also seen how these difficult times bring out the "best" in people. I've seen people pull together in good faith and with unity of purpose - as families, as organizations, and as communities. This is very encouraging because we need people who have "vision," unity of purpose, and a concern for others.

Perhaps we need to do some soul searching and define the goals for our life. How is "what we are doing" affecting our lives and the lives of those around us? Are our goals determined by need or by greed?

What Can I Control?

As we analyze our lives and our farm businesses, we need to identify those areas over which we have some power of control. Then, we need to get serious about focusing most of our efforts on continuing to do those things that we already are doing properly, and on changing those things that need to be changed in order for us to be able to reach our goals as quickly as possible. That's management.

We also need to recognize those things over which we have very little control. Accept the fact that about all we may be able to do about these things is to influence change; that usually requires a lot of time and cooperation, and the payback may be slow. Nevertheless, these changes may still be worth striving for. This is where strong organizations can play a very important role, but to be strong, organizations need your support.

All this sounds so simplistic, but you and I both know it isn't. One reason is we are facing the uncertainties of a new farm bill. Until we know more about the bill, it is difficult to set goals and to make plans for the future. But, that should not deter us from doing what we can, now.

For example, we can take a critical look at our farm business to identify the strengths and weaknesses of each facet of the business such as: financial management, herd management, crop management, estate planning, etc.

Are we good managers? Do our records let us know where money is going? Do we know what is profitable and what isn't? Are we channeling enough money into things which have greatest potential for a good, quick return? Or, is too much being consumed by excessive overhead and operating expenses? Are we making good use of credit? - of purchase and payment contracts and discounts, etc?

Are you producing at an efficient level of production? What that level is will vary from farm to farm. It may be higher or lower than your present level. If you've been giving accurate feed data to your DHIA supervisor, the DHIA "milk income over feed cost" figures, for individual cows of similar test, should help give you a rough idea of your most efficient level.

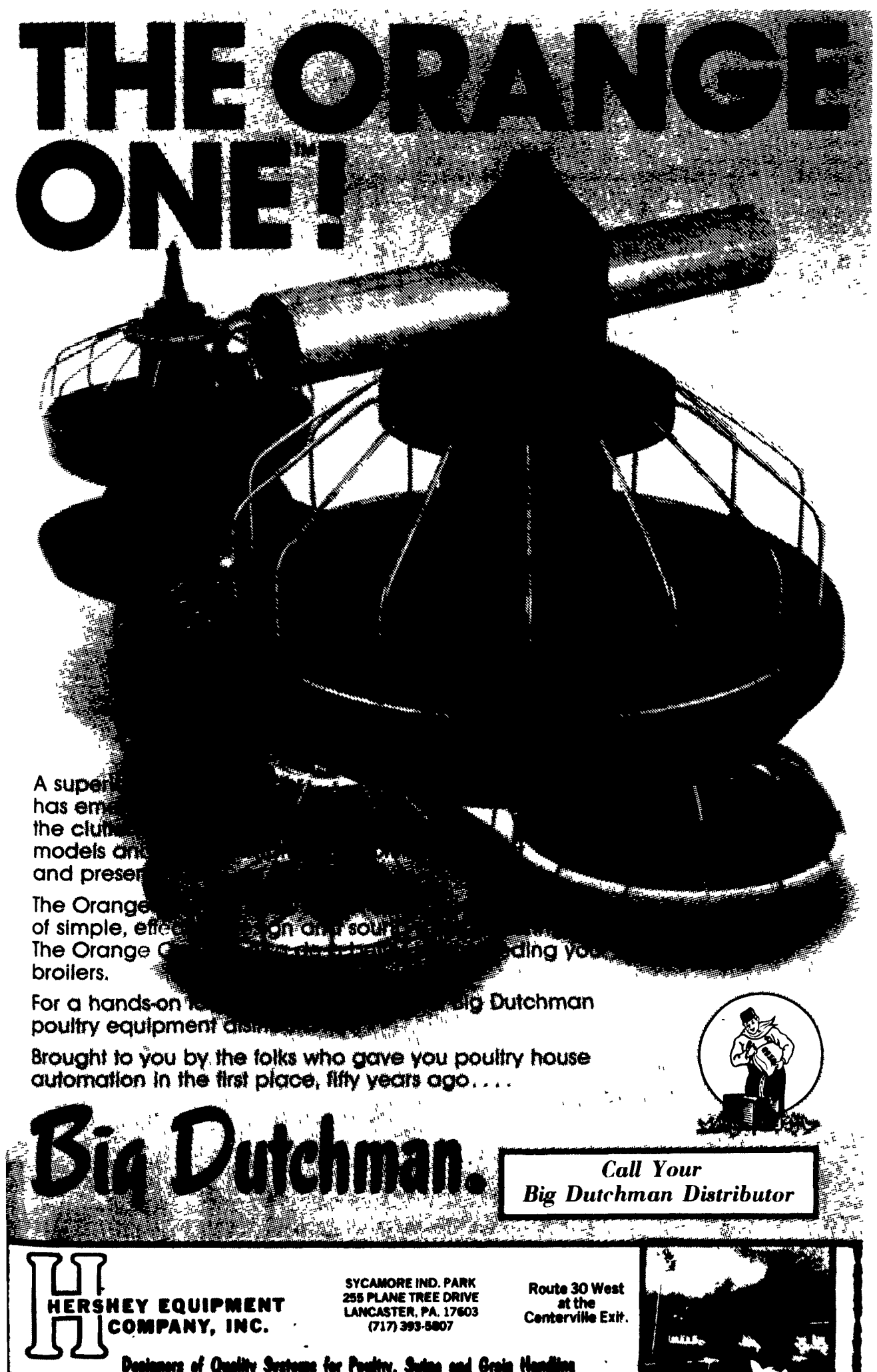
New Technology

The level of production and efficiency you need may help influence how you react to some of the new technology (iso acids, growth hormones, controlled lighting, electronics, etc.), and to all those other production recommendations that you are constantly being exposed to. Most of these ideas are designed to increase production and efficiency, and you might ask, "Why now, when we have this surplus!?" That's a valid concern.

Some people feel that any new technology which increases milk production should be outlawed, at least while milk surpluses persist. But, can we afford to bury our heads in the sand while our competitors, here and abroad, work hard to steal our markets by continuing to become more efficient while we slack off, or by introducing imitation products? Might the dairy industry take a good lesson from the auto industry, the steel industry and others?

Perhaps the real problem isn't that we are too productive or too

(Turn to Page D14)



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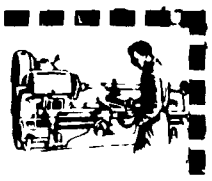

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Dairy Pipeline

(Continued from Page D13)

efficient; maybe it is our greed, our failure to manage our total milk output, and our failure to market our products and distribute them to the people who want them or need them.

Can we afford to rest on our accomplishments of the past or to become complacent about production efficiency? The consumer demands a good quality product at the best possible price, and they are our market - our future. If we can't satisfy them, or if we refuse to satisfy them, they will search elsewhere, just as they did for automobiles, motorcycles, radios and many other items. And once that market is lost, it is very hard to get back.

Each producer will have to decide for himself, how much production, how much efficiency, and how much new technology he really needs and is willing to adopt. Some producers need more milk so they can pay their bills; for them, it is a matter of survival. Other producers may have no problem with bills, and don't have the need for extra milk.

Both groups of producers, however, may be interested in improving their efficiency, perhaps with the help of new technology. This could result in more milk per cow and more milk output per farm.

If producers increase total milk per cow, do they also have the responsibility, individually and collectively, of voluntarily placing a constraint on their own total milk output, perhaps by reducing herd size? Farmers who desperately need more available cash will find this difficult to do. However, farmers who are better off financially might want to cull harder to reduce work loads to improve herd averages, to improve margin of profit per cow, and to reduce operating costs.

Another option for improving available cash is to reduce operating and overhead costs. Look to see where current costs can be reduced without seriously jeopardizing herd performance. Are you making maximum use of good quality, home-grown forages? Are you wasting good feed on poor cows?

Before spending your hard earned dollars on new devices or on new technology ask yourself if it is really needed. Are there other areas of management that can be improved without the need for big expenditures? Don't fall prey to magical cure-alls; there is no substitute for good management.

If expenditures are necessary, spend dollars first on those things that promise a quick return and a good return. Deal with people you can trust, people who you can rely upon for service, and people who honestly have your welfare at heart.

Famers are being challenged, and it's bringing out the "best" in many people. The future belongs to those who utilize good business principals, to those who set goals and pursue the future with a purpose, and to those who keep an open mind and are willing to adjust to the times. I look forward to seeing you there - in the future.

Lancaster County DHIA Monthly Report

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Pennsylvania Dairy Herd Improvement Association

LANCASTER COUNTY DHIA
October, 1985

A Registered Holstein cow owned by Randy J Stoltzfus, R#3, Mt Joy, completed the highest 305 day lactation 58 produced 24,663 lbs of milk, 1,087 lbs of butterfat with a 4 4% test Second high lactation was completed by a Registered Holstein cow owned by Joseph C Wivell, R#1, Columbia Lolly produced 24,456 lbs of milk, 1,056 lbs of butterfat with a 4 3% test in 305 days

FIRST 305 DAYS OF LACTATION WITH 750 OR MORE LBS. OF BUTTERFAT

Owner Name or No.	Brd.	Age	Days In Milk	Lbs. Milk	% Fat	Lbs. Fat
Randy J Stoltzfus						
58	RH	7 9	305	24,663	4 4	1087
153	RH	7 2	305	21,696	4 3	936
152	RH	5 5	291	19,433	4 3	830
59	RH	4 11	305	20,684	3 9	811
169	RH	6 8	288	20 389	3 9	803
78	RH	4 1	305	19 472	4 1	792
Joseph C Wivell						
Lolly	RH	7 3	305	24 456	4 3	1056
Judyann	RH	4 3	305	20,305	4 0	806
Eve	RH	11 3	305	19 875	3 9	781
Graywood Farms						
171	GrH	7 0	305	23 933	4 4	1045
26	GrH	7 2	305	24,519	4 0	977
136	RH	5 4	305	20,877	4 2	875
264	GrH	4 6	305	22,040	3 9	867
321	GrH	4 11	303	18,494	4 5	836

(Turn to Page D15)

Prof wins ABS award

DEFOREST, WI. — Dr. G.E. Bradford, Professor at the University of California, Davis, has received the J. Rockefeller Prentice Memorial Award in animal breeding and genetics.

The annual award, in the form of a plaque and $1500, was presented by Dr. Robert E. Walton, President of American Breeders Service, the award sponsor, at the recent annual meeting of the American Society of Animal Science in Athens, Georgia.

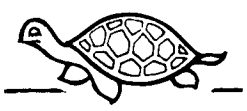
Dr. Bradford received his Bachelors degree from Macdonald College of McGill University and his Masters and Ph.D. from the University of Wisconsin. He joined the Department of Science at the University of California, Davis in 1957.

Working with sheep on a project to study profitability, Dr. Bradford determined that one of the most important factors is the reproductive rate. Selection for multiple births was proved to be an effective means of increasing efficiency of lamb production.

Since 1978, Dr. Bradford has been actively involved in international work with the Title XII Small Ruminants Program and is currently studying the genetics of reproduction in prolific breeds of sheep in Morocco and Indonesia.

Dr. Bradford is the author and co-author of over 150 publications and abstracts, and is co-author of a book documenting the performance of sheep in fifteen countries.

DON'T BE SLOW



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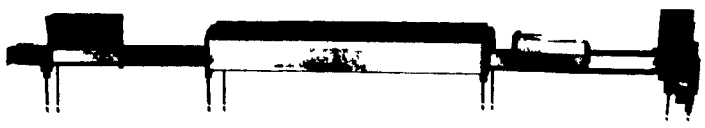

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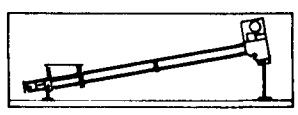

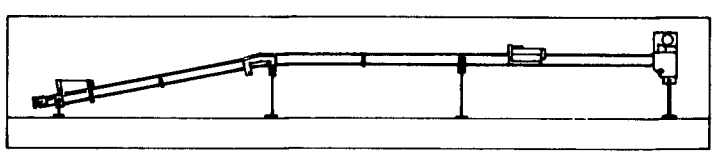

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Lancaster Co. DHIA

(Continued from Page D14)

487	GrH	6-0	305	25,192	3 2	813
510	GrH	4-11	285	23,282	3 3	775
46	GrH	3-0	305	22,329	3 5	772
277	GrH	5-0	305	17,323	4 4	757
194	GrH	4 5	305	19,721	3 8	754
Jonas E Zook						
Dana 34	RH	7 1	281	26,272	4 0	1042
Paul S Horning						
Cindy	GrH	8-0	305	27,969	3 7	1040
Wanita	RH	5-2	305	25,604	3 9	996
Ellen	RH	6-5	305	28,227	3 4	967
Nelbell	RH	4-5	305	23,096	3 6	830
J Robert Kindig						
Maxie	RH	6 4	305	25,767	4 0	1021
Lucy	RH	5 8	305	24,259	3 8	914
Inga	RH	6-0	283	20,896	4 0	838
Sally	RH	3-0	302	21,947	3 6	800
Clyde W Martin						
Ruby	RH	3 9	305	25,878	3 9	1007
Astrid	RH	4-1	305	21,661	4 0	869
Ester	RH	5 8	296	22,645	3 8	854
Alberta	RH	9-8	305	23,017	3 7	849
Trudy	RH	6 1	303	19,401	4 2	815
Apricot	RH	3 2	286	22,307	3 6	811
Patsy	RH	3-3	304	19,396	4 1	788
Heather	RH	5-1	289	21,440	3 6	773
Sandy 2	RH	2 3	305	18,648	4 0	750
Sandy Hollow Farm						
June	RH	5 5	305	24,397	4 1	1007
Elam Petersheim						
Catch 67	RH	5 5	305	23 383	4 3	1007
Henry U Stoltzfus Jr						
Robin	RH	3 8	305	26,749	3 7	997
Cora	RH	4 1	305	25,536	3 2	810
Mandy	RH	4 5	305	21 888	3 7	807
Olivia	RH	9 11	305	20 890	3 8	793
Amos W Breneman						
Lucky	GrH	5 2	305	21 525	4 6	995
Dennis R Bender						
85	GrH	4 7	305	25,096	3 9	981
68	RH	5 3	290	21 452	3 6	767
Titus B Stoner						
Orpha	RH	3 9	305	24 773	3 9	976
LeRoy M Stoltzfus						
Jill	GrH	6 11	305	26,771	3 6	974
Blackie	GrH	7-4	305	21 152	3 7	781
Curtis E Akers						
Pepsi	RH	4 10	305	25,877	3 7	968
Junell	RH	4 1	305	25,941	3 3	852
Thelma	RH	4 10	305	25 001	3 2	807
D Lamar Witmer						
Ritbel	RH	4 3	305	28,109	3 4	967
Crisp	RH	6 3	305	19 727	4 1	810
Thomas C Lapp						
Teresa 5	RH	12 2	305	22 594	4 3	967
Milky 86	RH	4 6	305	22 963	3 8	867
John Omar Stoltzfus Jr						
Connie	RH	4 6	305	25 688	3 8	965
Loren L Zimmerman						
Tootsie	RH	4-10	305	25,829	3 7	960
Perfect	RH	3-10	305	23,047	3 7	854
Elm	H		305	20,383	3 9	803
Stacy	RH	4-11	305	20,399	3 8	785
Neffdale Farm						
Kay	RH	5-7	305	22,754	4 2	959
C Nevin Hershey						
Doris	GrH	4-2	305	22,439	4 2	951
Chime	RH	4-4	305	22,126	4 2	922
Bee	RH	3-2	305	22,547	3 6	810
Abraham Shelly Jr						
Dancer	RH	3-2	305	21,374	4 4	951
Angel	RH	3-2	305	21,617	4 3	933
Drummer	RH	4-6	305	20,516	3 8	772
Rebel	RH	3 2	305	23,776	3 2	763
Curvin W Nolt						
42	RH	5 11	305	23,858	4 0	946
33	RH	6 4	305	20,723	4 1	846
Glenn E Burkholder						
Babe	RH	6 1	305	25 130	3 8	944
Phyllis	RH	3 2	305	22,943	3 6	835
Jay E Landis						
Ludora	RH	5 0	305	23 238	4 1	944
Spice	RH	9-0	305	24 967	3 5	884
Sophie	RH	7 10	305	21,947	3 7	807
Kenneth B Garber						
Pompom	RG	5 7	302	17,873	5 2	926
Crystal	RG	4 2	303	17,749	4 9	863
Dilly	RG	4 7	305	16 168	5 2	845
Weaver Homestead Farm						
22	GrH	7 0	305	26 709	3 5	924
72	GrH	8 4	305	22,484	3 7	831
John Omar Stoltzfus						
Shiner	RH	4 7	305	20,264	4 5	921
Cozy	RH	5 1	305	24 883	3 3	827
Center Springs Farm						
78	RH	7 4	302	27 324	3 4	918
Paul M Fahnestock						
235	GrH	3 4	305	24,165	3 8	918
4	GrH	3 2	305	21 384	3 7	782
Robert H Rohrer & Sons						
83	GrH	4 6	305	30,049	3 0	916
242	GrH	5 0	305	23 650	3 8	893
271	GrH	6 1	305	20,198	3 8	767
216	GrH	3 5	305	22 336	3 4	758
Robert H Kauffman						
Sheila	RH	5 2	305	18 541	4 9	914
Bunny 20	RH	3-4	305	21,408	3 7	802
Fran	RH	4 11	305	19 629	4 1	801
H Landis Weaver						
Adele	RH	7 6	305	24,998	3 7	913
Wilda	RH	3 6	305	19,681	4 0	786
Colette	RH	4 7	305	25 212	3 0	750
LeRoy R Martin						
89	RH	10 7	305	22 419	4 1	912
102	RH	12 9	305	20 429	4 2	850
Stephen L Martin						
13	GrH	5 1	305	20 417	4 5	911
30	GrH	6 1	305	20 727	4 0	834
Robert W Ulrich Jr						
Florence	RJ	5 10	291	17 357	5 2	907
Luella	RJ	4 2	305	14 778	5 5	814
Debbie	RJ	6 3	299	18 017	4 4	800

Ken & Nelson Stoner						
117	RH	8-5	305	25,484	3 6	906
172	GrH	3-1	305	22,552	3 5	799
16	RH	7-2	305	23,819	3 3	792
6	RH	2-3	305	23,300	3 3	770
Robert L Shelly						
Beaut	RH	5-5	305	23,429	3 9	906
Reba	RH	6-6	305	21,278	4 0	842
Glenn F Shenk						
Dara	RH	4 7	305	25,214	3 6	900
Riehlee Farm						
Tubby	RH	5-1	305	22,170	4 1	900
May	RH	4-10	305	21,664	3 7	810
Noah K Beiler						
Fancy	RH	5-9	305	30,169	3 0	899
Myrtle	RH	12-8	305	23,872	3 7	889
Doris	RH	5 11	305	23,989	3 4	804
Esther	RH	3 6	305	20,774	3 8	795
Garwood Farm						
Blossom	RH	5 4	305	26,963	3 3	898
Dinah	GrH	5-10	274	19,230	3 9	752
Ellis D Kreider						
Lily	GrH	8 5	305	23,878	3 8	897
195	GrH	4 8	305	18,976	4 4	826
Harry Zimmerman Jr						
Bee	RH	6 1	305	21,830	4 1	891
Eugene H Reiff						
Helen	GrH	4 1	305	24,568	3 6	888
Ephraim D Riehl Jr						
Esther	RH	7 3	294	23,883	3 7	888
Joyce	RH		305	21,926	3 6	790
David D Zimmerman						
Jewel	RH	4 11	305	18,747	4 7	886
Glenn Z Musser						
12	GrH	4 2	284	21 368	4 1	885
John P Lapp						
Connie	RH	3-4	305	20,977	4 2	884
Olive	RH	7 3	305	23,906	3 3	777
Aaron Z Martin						
5	RH	7 3	305	25 724	3 4	880
Abram & John Barley						
243	RH	7 4	305	25 007	3 5	877
Vernon R Umble & Son						
Marie	RH	3 11	305	21,763	4 0	875
Libby	RH	4-1	305	21,854	4 0	870
Pam	RH	4 11	281	20,650	3 7	773
Taffy	RH	3 1	305	17,155	4 4	751
Carl L Martin						
Bertia	RH	5 11	305	22,802	3 8	873
Shadow	RH	10-1	305	21,733	4 0	862
Satiety	RH	7 3	305	21,930	3 7	804
Sahara	RH	2 5	305	19,234	3 9	759
Nathan E Stoltzfus						
Krista	RH	5 6	305	23,654	3 7	871
Stephie	RH	5 3	305	20,908	3 9	817
Enos B King						
Glenda	RH	4 10	305	22,386	3 9	871
Joseph W Best & Sons						
10	GrH	5 11	296	19,680	4 4	870
Paul H Martin						
Blossom	RH	7 0	305	25 427	3 4	868

(Turn to Page D16)

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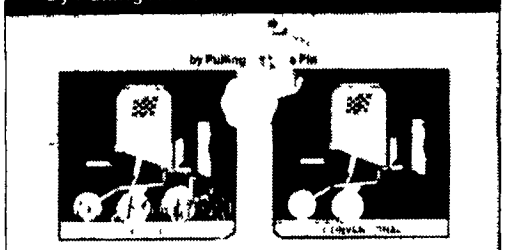

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Lancaster Co. DHIA

(Continued from Page D15)

Meadow Springs Farm						
Hope	GrH	9-11	305	24,507	3 5	862
Molly	GrH	6-8	299	19,968	4 0	804
Crystal	RH	5-6	305	20,722	3 9	800
Shelba	GrH	14 5	278	20,006	3 8	766
John U Glick						
Dorothy	RH	4-1	305	21 622	4 0	860
Della	RH	11-9	305	23,071	3 4	794
Aaron R Stoltzfoos						
Sally	GrH	8-2	305	25,170	3 4	859
Lester J Wiker						
Connie	GrH	6-11	305	21,843	3 9	859
Brenda	GrH	11-6	305	22 096	3 7	810
Jacob E King						
Rose	RH	5-11	305	22,694	3 8	858
Mary	RH	7 1	305	19,477	4 3	847
Buchen Farms						
515	GrH	7-4	305	19 798	4 3	858
686	RH	4 10	305	21,809	3 8	818
637	RH	5-9	305	23 519	3 4	809
787	RH	3 0	305	19 371	4 2	808
558	RH	7-1	305	17 144	4 5	774
788	GrH	3 3	291	17 398	4 3	750
Hershvale Farms						
85 Marc	RH	6 11	305	22 265	3 8	857
Richard B Hess						
20	GrH	11 7	305	26 025	3 3	855
Balmer Brothers						
24	GrH	7 0	296	21 262	4 0	854
Cedar Fringed Farm						
Blythe	RG	7 3	305	24 155	3 5	850
Leon S Musser						
56	RH	5 1	305	22 084	3 8	850
82	RH	3 3	305	19 265	4 0	780
63	GrH	5 0	305	23 695	3 3	771
Eshville Farm						
22A	RH	6 3	305	22 952	3 7	844
Jacob L King						
Farrah	RH	7 0	305	20 599	4 1	844
David & Robin Dum						
38	RH	6 1	305	24 687	3 4	843
David W Sweigart						
99	GrH	6 11	305	24 121	3 5	843
Benuel Z Lapp						
Strawby	GrH	5 2	298	22 328	3 8	842
Majesty	RH	3-1	305	26,397	3 1	809
John L Landis						
139	RH	2-10	305	24,676	3 4	840
81	RH	2-9	297	23,403	3 2	755
Harold G Shelly						
Girl	RH	5-4	305	21,162	4 0	840
Reuben A Stoltzfus						
Adele	RH	7-1	305	21,069	4 0	840
Missy	RH	2 0	305	19,585	4 0	784
Jonas E Stoltzfus						
Apple	RH	2 2	305	23,806	3 5	838
Harold K Witmer						
Corinne	RH	9 5	305	26,237	3 2	837
Quinta	RH	5 1	305	24,357	3 4	831
Queen	RH	9-11	275	20,192	4 0	806
Jay Richard Groff						
45	GrH	4-4	305	22 984	3 6	837
56	GrH	4 4	258	20,917	3 6	752
GM Weaver						
Tina 35	H		305	21 065	4 0	835
Misty 19	GrH	3 10	305	22 894	3 5	807
Jonas B Stoltzfus						
Jumbo	GrH	4 11	305	24 938	3 3	834
Bunky	GrH	5 9	305	24 264	3 4	824
Glenn P Book						
Penny	RH	5 5	305	24 610	3 4	834
Mona	RH	3 6	305	21 177	3 6	753
Quarryville Presbyterian Home & Melvin Rohrer						
292	GrH	5-4	305	20 112	4 1	834
271	RH	7 4	305	18 470	4 1	764
Earl R Martin						
107	GrH	5 6	305	24 037	3 5	830
137	GrH	4 1	305	22 849	3 5	808
Nelson H Wenger						
Voni	RH	4 1	305	21 270	3 9	830
Tula	RH	3 8	305	23 417	3 4	785
J David Martin						
44	GrH	3 1	305	21 447	3 9	829
Daniel W Fox						
Judy	GrH	9 5	305	18 848	4 4	828
Missy	GrH	6 11	305	20 920	3 7	776
Walter C Pownall						
160	GrH	5 2	305	22 655	3 7	827
213	GrH	5 5	296	19 902	3 9	782
211	GrH	4 4	302	20 768	3 7	775
Dale R Metz						
45	GrH	6 2	305	23 653	3 5	826
Kevin S Smoker						
Prince	RH	5 11	296	22 840	3 6	826
Kreider s & Nickle						
69	RH	3 1	305	19 928	4 1	823
Donald M Eckman						
Alvina	RH	5-8	305	19,845	4 1	823
Phyllis	GrH	8-9	305	22,234	3 6	800
27 Marin	GrH	6-6	305	24,555	3 3	822
Clair M Bowman						
1	GrH	5-0	305	24,032	3 4	822
34	GrH	6-1	296	23,451	3 4	803
Gwen	RH	4-11	305	19,462	4 1	802
Suellen	RH	5-3	305	22,831	3 4	784
Jim & Shirley Hershey						
Bonnie	RH	6-6	305	21,717	3 8	822
Luke Ray Zimmerman						
35	GrH	5 9	305	21,521	3 8	821
E Richard Bruckhart						
Caramel	RH	7 3	305	22,808	3 6	820
Barbara	RH	8 10	305	22,410	3 6	806
Hazel	RH	3-1	305	18,612	4 2	773
Ronda	RH	6-9	305	22,113	3 5	770
Kenneth D Myer						
Ruth	RH	4 6	305	21 030	3 9	820
Nelson R Habecker						
10	GrH	3 6	305	21 917	3 7	819
84	GrH	4 2	298	22 071	3 5	762
23	GrH	4 4	305	18 997	4 0	751
J Wade Groff						
Pamona	RH	3 10	305	20 293	4 0	819
Middle Creek Farm						
Bell	GrH	4 3	305	25 475	3 2	818
Robert M Mylin						
14	RH	6 8	305	20 253	4 0	816
Hiram S Aungst						
Irene	RH	11 10	305	23 375	3 5	813
Peg	GrH	3 0	305	22 593	3 4	765
Bubbles	RH	3 7	291	23 775	3 2	760
J Ray Ranck						
Solome	GrH	3 2	305	20 549	4 0	813
Third	GrH	5 2	305	20 699	3 8	790
Merle & Daniel Stoltzfus						
95	GrH	3 3	305	20 492	4 0	813
Ashevale Farm						
Nitie	RH	7 1	305	19 890	4 1	812
John L Beiler						
Sweety	RH	4 10	305	24 114	3 4	810
Samuel F Riehl						
Sally	GrH	8 1	305	21 734	3 7	809
Alvin L Petersheim						
Verna	GrH	6 4	305	22 654	3 6	807
Glenn D Hershey						
Glenda	GrH	9 0	305	22 307	3 6	807
Candy	GrH	3 9	302	20 832	3 7	775

(Turn to Page D17)

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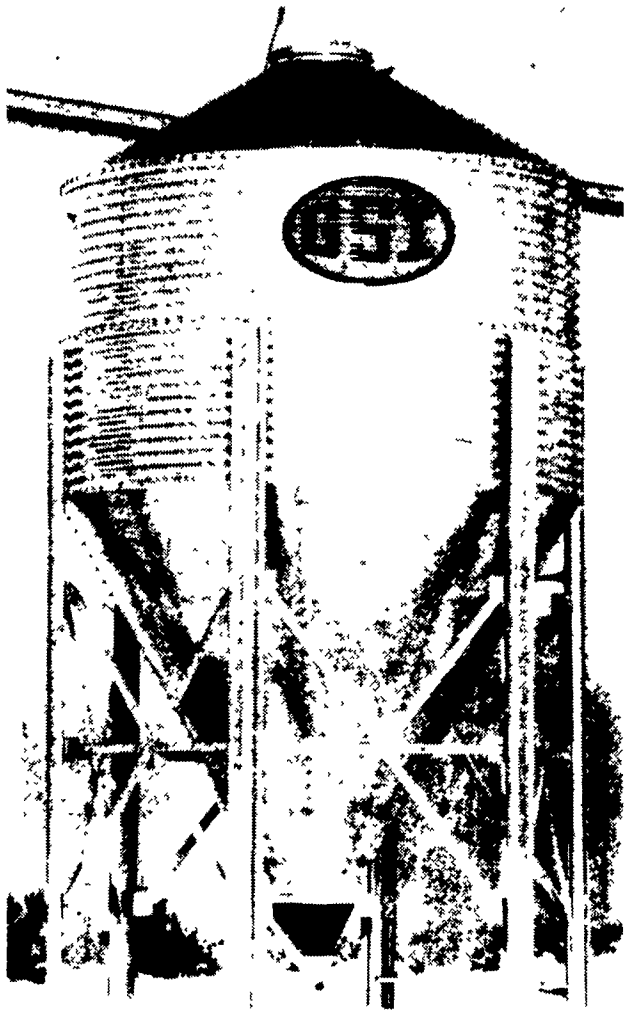

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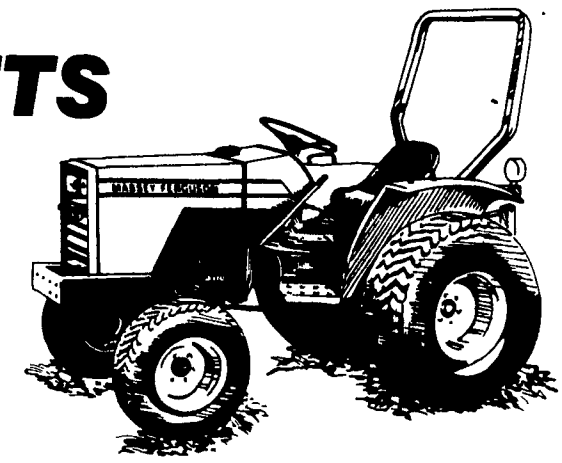

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Lancaster Co. DHIA

(Continued from Page D16)

Clair M Hollinger						
169	GrH	2-0	305	19,342	4 2	807
161	RH	6-8	305	24,083	3 3	805
Edwin Sensenig						
Lynn	GrH	3-10	305	23,587	3 4	805
Edgefield Farms						
Kit	RH	11-0	305	20,994	3 8	805
Lee Nome Farm						
Hanna	GrH	6-8	281	19,784	4 1	804
Martin H Good						
Stella	RH	5-2	305	20,254	3 9	798
Galen C Martin						
Patsy	RH		305	21,358	3 7	797
Dal Car Farm						
25-265	GrH	4-3	305	18,668	4 3	797
Glenn M Shelly						
19	RH	3-3	305	16,907	4 7	797
Robert N Brandt						
10	GrH	5-6	305	23,517	3 4	796
Gerald Martin						
Esther	RH	4-2	305	22,353	3 6	795
Penn Har Va Farms						
Tonya	RH	7 10	305	24,407	3 2	793
J Harold Fritz						
47	GrH	4-11	305	24,079	3 3	793
103	GrH	7-2	305	22,398	3 5	789
53	GrH	6-4	305	26,352	2 9	773
102	GrH	5-2	305	20,905	3 6	760
David E DeLong						
137	RH	5-4	305	18,785	4 2	793
Sunny Slope Farm						
Mata	RH	5-2	266	18,718	4 2	793
Tom Zartman						
126	GrH	6 4	301	23,113	3 4	792
Ivan Zook						
55	GrH	6 8	301	21 360	3 7	791
John R & Rick Groff						
Kitty 21	RH	3 8	305	21,260	3 7	790
Delite	RH	10 6	305	19 760	3 8	750
JS Smucker Sons Farm#1						
39	GrH	6 10	305	21,091	3 7	790
333	GrH	6 2	305	20 830	3 7	767
John & Cynthia Beyer						
39	GrH	5 2	305	21 061	3 8	790
47	GrH	3 1	305	21 183	3 7	785
Samuel B Lapp						
Bella	RH	4 1	305	22,533	3 5	789
John M Harnish						
Kim	RH	5 2	305	23 867	3 3	788
Ginger	RH	4 6	305	22 617	3 4	779
Ammon E Reiff						
Cotton	RH	6 1	305	23 154	3 4	788
Charles A Hess						
Betty	GrH	5 3	305	20 145	3 9	788
Homer G Hess						
Sally	RH	9 1	296	22 679	3 5	786
Brenda	RH	6 10	305	23 489	3 3	770
Ruthie	RH	7 4	305	21 907	3 4	751
Ivan M Hursh						
Lily	GrH	3 2	305	23 892	3 3	785
Joseph DeLong						
64D	GrH	6 4	305	16 653	4 7	784
Henry S Lapp						
27	RH	7 1	305	24 613	3 2	783
Creek Knoll Farm #2						
Joella	GrH	6 7	292	21 470	3 6	781
Norma	RH	3 5	305	20 621	3 7	769
J Wilmer Conrad						
Katie	RH	4 6	305	25 263	3 1	780
Walter M Hurst						
4	GrH	3 10	295	22 061	3 5	780
Creek Knoll Farm #1						
Darla	RH	3 8	305	20 991	3 7	780
John Z Beiler						
Miriam	RH	3 4	305	23 404	3 3	779
John B Groff						
Sherry	RH	4 3	305	25 685	3 0	779
Marlin R Musser						
56	GrH	8 0	286	22 894	3 4	777
57	GrH	7 1	305	21 471	3 5	753
Jacob M Conley						
Pepper	RH	3 0	305	20 679	3 8	777
Harlan W Hoover						
15	GrH	5 3	300	20 669	3 8	776
Leon Sensenig						
96	GrH	4 1	305	18 857	4 1	775
Dale W Peifer						
MC Kim	RH	4 2	305	24 211	3 2	773
Raymond M Weaver						
10	RH	4 9	305	22 094	3 5	773
James & Ken Miller						
Iris 12	RH	7 1	305	20 234	3 8	773
David W Hunt						
Melody	RH	3 5	305	19 203	4 0	773
Spring Belle Farm						
Sophie	RH	10 8	305	21 557	3 6	772
Mahlon E King						
Jolene	GrH	5 0	305	21 803	3 5	766
J Omar Beiler						
Floss	GrH	6 11	305	28 020	2 7	765
Twin Oak Farms						
340	GrH	5 2	292	21 858	3 5	765
Thomas & Larry Aaron						
83	RJ	9 10	296	14 936	5 1	765
Calvin D Beiler						
Trudy	RH	5 5	303	22,602	3 4	764

(Turn to Page D18)

TANKS TANKS TANKS

Deutz-Allis offers

(Continued from Page D6)

sewn upholstered cushions. The seat includes spring/weight suspension, fingertip control to adjust arm rests and provides adjustments for lumbar support, back tilting, seat tilting and height adjustment.

The R-Series models also are highlighted with new decals and colors, including the new Deutz-Allis name. The midnight blue, silver and green colors and crop decals compliment the well known silver-galvanized metal on all Gleaner combines.

Other features of the R-Series include: a new chopper housing for easier changeover to a discharge impeller; bolt-on sickle sections for all headers instead of the rivet-on type for faster and easier replacement; and a new improved concave assembly with a stationary concave door crossmember.

In addition to the standard equipment on the R-Series, options include dual drive tire capability, rear wheel assist, feed reverser, and cage door kit for increased rotor capacity in high moisture corn.

"The R-Series is the result of several years of planning and testing prototypes," Stadtmueller explained. He added that the R-Series is the most technically advanced combine ever built in Independence and provides the best value in combine design for the farmer's dollar.

CLINTON COUNTY DHIA
October, 1985
Top Herds

Paul L Courter	18,224		693
Richard L Schenck	17,857		668
Tom & Grace Nicholas	16,725		658

Individual Lactations

Richard L Schenck			
Princess	25,665	3 6	929
Jonelle	20,653	4 1	844
Dolores	19,483	4 2	820
Jaclyn	22,121	3 6	788
Sally	19,157	4 1	785
Ronald H Meyer			
#36	27,249	3 2	883
#85	19,839	4 0	795
#113	19,424	4 0	776
Ward & Keith Carson			
Saxon	21,352	3 8	802
Harry Schenck			
Jullie	22 774	3 5	802
Blair & Elaine Courter			
Misty	21,653	3 6	787

Lancaster Co. DHIA

(Continued from Page D17)

Harvey Z Stoltzfus						
Hope	RH	4 1	305	25 034	3 0	763
Wilmer & Mark Kraybill						
Dutch	RH	7 4	305	21 717	3 5	762
David M King						
8	GrH	6 1	305	22 723	3 3	760
Raymond E Reitz						
Isabel	GrH	5 1	305	20 386	3 7	760
Albert Breneman						
131 Wire	RH	5 10	305	19 674	3 9	760
Raymond W Horning						
Trixie	RH	4 9	305	22 960	3 3	759
Benuel F Stoltzfus						
Coco	GrH	7 10	305	21 693	3 5	759
John H Howard						
Colleen	RH	3 2	305	19 449	3 9	759
Delmar H Wenger						
Sadie	RH	7 6	305	21 130	3 6	758
JS Smucker & Sons Farm#2						
403	RH	6 4	305	21 939	3 5	757
Wilmer L Shertzer						
34	GrH	8 10	305	20 538	3 7	756
James & Nancy Zuck						
6	GrH	8 5	305	18 933	4 0	755
Wye Oak Farms						
1 Pammy	RH	3 9	305	18 537	4 1	753
Ivan K Horst						
10	GrH	4 3	305	21 014	3 6	752
Lenewood Farm						
Bertha	RH	10 7	305	18 680	4 0	751
John Allen Wenger						
12	GrH	3 2	305	18 671	4 0	750

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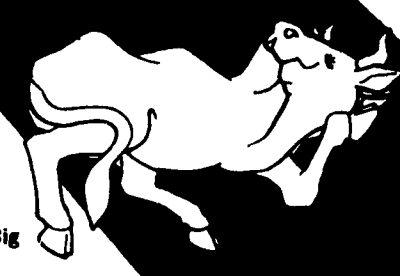

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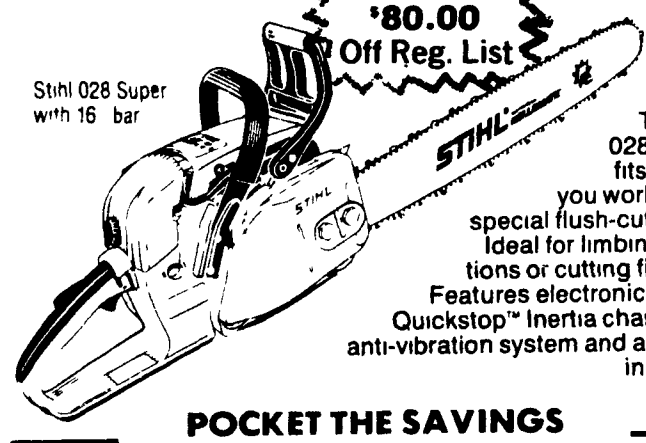

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Asgrow explains tomato developments

KALAMAZOO, MI. – Representatives of California's tomato processors and growers were recently given a tour of Asgrow Seed Company's trial planting of experimental hybrid tomatoes at the company's Processing Tomato Field Day, held at the company's Pacific Coast Breeding Station at San Juan Bautista, California.

The group heard a report on Asgrow's development of methods to vigorize and coat seed to improve its performance, particularly under adverse conditions, from Mary Beth Vertovec, seed coating project leader who also coordinates trial plantings of coated and vigorized seed.

Ms. Vertovek showed the tomato growers and processors greenhouse plantings of vigorized and non-vigorized seeds, pointing out the greater uniformity of emergence and quicker emergence of the treated and coated seed. She said differences are even more evident when the seed is planted under stress conditions, such as low temperature.

"In February trial plantings, there was as much as four days difference between emergence between the treated and non-treated seed," she said.

Dr. Jakob Vos, Asgrow's director of worldwide seed production, told the group of the company's ongoing efforts and procedures to assure that seed produced by Asgrow is of the highest quality possible in the categories of genetic, physiological, physical and pathological quality.

Mel Hansen, Asgrow sales consultant specializing in processing tomatoes, outlined observations of this year's performance of Asgrow Hybrids 896 and 898, which were introduced last year, and have now undergone their first year of commercial growing.

Hybrid's 896's standing as an early tomato, with maturity at 110 to 115 days has been well established this year, Hansen said, noting that it makes the hybrid a good candidate for replantings as well as first early plantings.

Growers and processors also found that Hybrid 896 peels easily, and that yields of 30 to 35 tons per acre are common, Hansen said. "The tomato has high solids for a peeler class tomato, with readings in the 5.0 to 5.5 range. Growers who tried 896 this year also learned that the fruit has good vine holding capability."

Hansen said Hybrid 896, which is field tolerant to Verticillium wilt, race 1; and Fusarium wilt, race 1, should be planted in double rows on good soil. "The vine of Hybrid 896 is small, and does not have the cover needed when planted in a single row," he explains.

Hybrid 898 can be grown on a wide range of soils, including mineral, peat and soil with high clay content, and can be grown in all areas of California except, perhaps, the desert areas, Hansen told the audience.

"This hybrid can be grown in either double or single rows, it has an excellent root system," he continued.

Hybrid 898 matures in about 118-120 days in California, Hansen said. Yields ranged from 34 to 42 tons per acre in the major tomato growing districts, he reported. "Hybrid 898 typically has solids in the 5.5-plus range. The hybrid also has multiple disease resistance, including resistance to race II of Fusarium." It has also demonstrated good field holding capacity, and growers found this season that it has a very manageable vine that often requires no training to remain up on the bed, he said.

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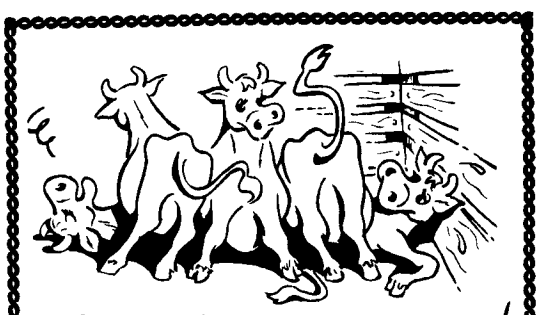

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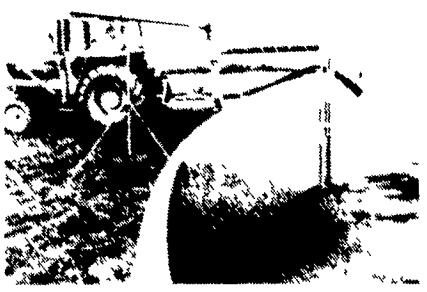

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By John E. Brockett
Farm Management Agent
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Air movement is critical

Proper air movement for livestock is essential for health reasons, for good feed palatability, for operators comfort and health, and to prevent moisture caused structural damage. Good air movement is most essential for the babies, but does not stop with them.

What does proper ventilation do? Sometimes farmers think all ventilation does is to control temperature. With that thought in mind, they do not become concerned about how the temperature is reduced or how air moves.

Proper ventilation actually does more than control temperature. In fact controlling temperature is the way ventilation does it's more important job, that of moisture and stale air removal.

Look at it this way, cold air contains a lot of real small particles. As it warms up those small particles grow bigger. The bigger they grow the more water they can hold. In a building, that is properly ventilated, the fresh cold air comes in, picks up moisture (from the cows' breath and waste), and then is kicked out by the vent fan.

When the fresh air picks up moisture, it also collects the dust particles that hold odor and germs because they are usually attached to the moisture droplets. Thus they too are expelled from the building. Result is that the building smells better, is more comfortable, and contains fewer germs and dust. A second result is that there is less moisture to condense on cold surfaces in the building which in turn reduces deterioration of parts of the building.

Stall Barns

With winter weather coming, most farmers feel they need to close things up tight. It is true cold, wet drafts can cause mastitis, pneumonia, and uncomfortable animals.

However, still, damp air at nearly any temperature can be just as devastating. It, too, can cause mastitis, pneumonia, and uncomfortable animals. Even in barns with a good ventilation system, air can be stale. The reason may be dirty or plugged inlets or bad thermostats or partially blocked fans.

Let's look at the inlets first. Dust, bird feathers, straw or hay chaff, cobwebs, or a lot of things can plug or partly plug them up. Every year a dairyman should clean them out even if it means taking the outside wire off to do the job.

If they are not working properly, air will come in through cracks, silo and hay chutes, gutter cleaner openings, door and window cracks, and anywhere else it can find an opening. The fan or fans create a vacuum in the stable area. This vacuum needs to be filled with air from some place. The purpose of inlets is to bring the air into the vacuum uniformly so there are no drafts.

Thermostats that do not work properly can also be a problem. They allow the temperature to build up too high which in turn means moisture is increasing. Temperature changes can become quite large as the fans do not turn on and off as often as they should for proper temperature and moisture control. Check the thermostats for corrosion and dirt that could cause them to malfunction.

Partly blocked fans reduce the ability of that fan to move air efficiently. This results in increased fan use to do the job which means extra energy and possibly extra fan repairs. (More cost for the job to be done). Inspect the fans for possible partial blockage. They should also be checked for dirty or rusted shutters which prevent the shutters from opening properly. Clean blades, shutters, and fan mountings. Replace fans that do not work properly.

Free Stall Barns:

Unlike stall barns, free stall or loose housing barns can not use temperature as a method of controlling moisture and stale air. This does not mean that moisture and stale air are not a problem for this type of structure. On the contrary, they are serious problems.

In Pennsylvania, natural ventilation can do a very good job of air movement if the building is constructed right. That means openings under the eaves and at the peak of the roof. As air comes into the pole barn under the eaves, it picks up the warm, moisture-laden air from the cows and manure and rises (warm air usually is lighter than cold air because it has bigger particles–think about a balloon).

When it gets to the top of the building, it goes out the hole in the top carrying with it all of that moisture, dust and germs. Do not close the side openings all the way or it will become more difficult to get good, fresh, dry air into the barn to absorb the moisture (water).

Also do not close the top opening, even if snow does drift down from it sometimes, or the warm, moisture-laden air will have no place to go. It will then touch the underside of the roof and cool off. The cooler air particles will shrink in size and deposit water on the wood and metal of the roof. What does water do to metal?

Ciba-Geigy wins P.R. award

The American Society of Farm Managers and Rural Appraisers presented the Society's "Meritorius Service Communications" award to Ciba-Geigy Corporation at the 1985 annual meeting in Kansas City. The award, accepted by Jim Palmer, at left, director of advertising and promotion, recognized Ciba-Geigy's commercials, sponsored by Dual herbicide, that support the American farmer and broaden the public's understanding of agriculture. At right is James Hutchinson, chairman of the awards committee.

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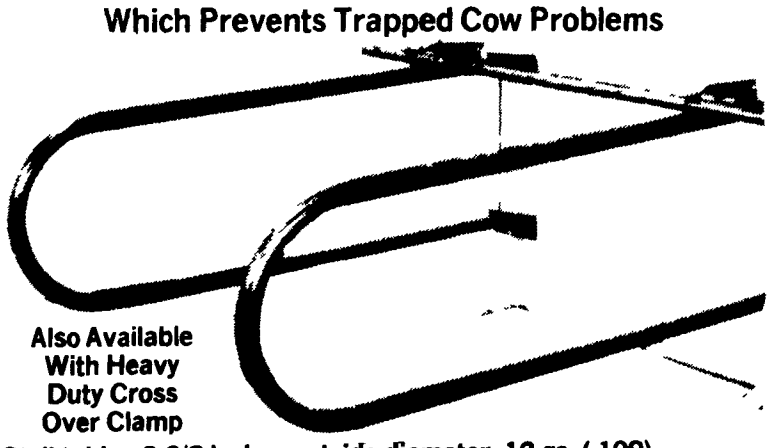

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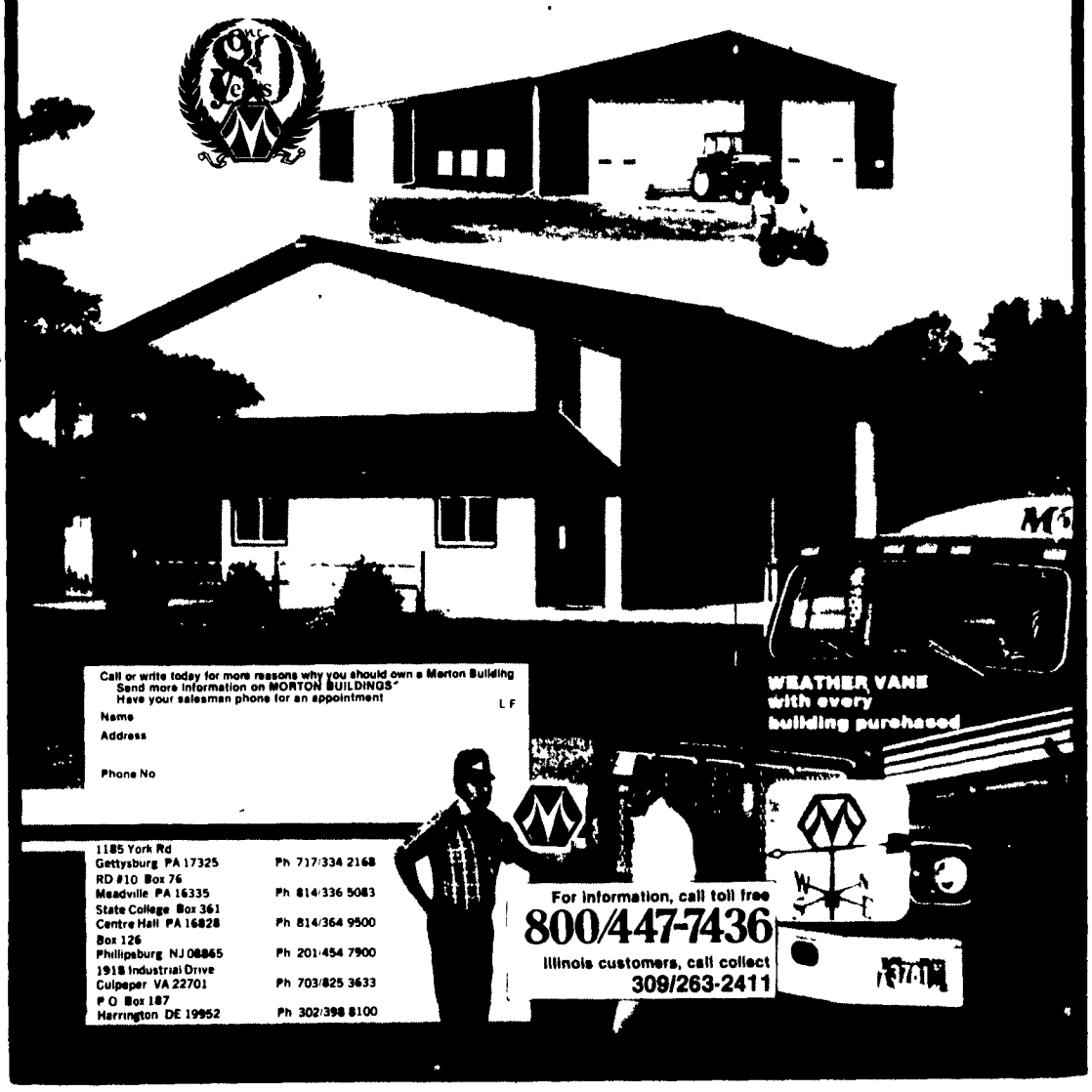
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PennAg convention speaker named

EPHRATA — Dr. Vladimir Sakharov, Soviet-trained diplomat whose disillusionment with the KGB led him to become an agent for the United States, will be the banquet speaker at PennAg Industries Association 108th Annual Convention. The convention will be held at the Seven Springs Resort, Champion, PA from September 7-9, 1986.

It was Dr. Sakharov, who as a young Soviet dilpomat in Kuwait, aided in the ousting of Societ Intelligence from Egypt. Vladimir's diplomatic and intelligence assignments put him in the heart of KGB operations in the Middle East. They included liaison with national liberation fronts, Egyptian counterintelligence, North Yemeni tribesmen, Kuwaiti youth, media, religious, and business organizations and Arab government officials.

He's also been noted for his ability to anticipate international crises. One of the first in the West to foresee Andropov's ascendancy, Dr. Sakharov has a keen insight into Soviet long term policy objectives, Soviet operations abroad, guerilla training procedures, and Soviet foreign economic, political and ideological planning.

Dr. Sakharov, now a U.S. citizen, holds a Ph.D. in International Relations. His specialties include inter-Arab affairs, OPEC, International Law and U.S.-Soviet relations.

He will be addressing the convention on the topic, "Political Seduction, Disinformation and Conflict of Values: The Immediate Reality of U.S.-Soviet Relations."

MAILBOX MARKET
FOR SALE

1973 Mercury Comet, 4 dr., stick, 302 engine. 2 Holstein & Brahman cows. 1 Holstein & Brahman Heifer. Perry Co., 717-789-3506.

Sale or take over lease: Uebler model 820 motorized total mixing feed cart. Excellent shape. Lanc. Co., 717-548-3694.

JD 34 Harvester, working condition, $400 or best offer. Lanc. Co., 717-354-8529.

3 Minnich tobacco presses. Manor Twp., Lanc. Co. 717-393-7845.

10 New Bestway cow trainers, $1.50 each. Will ship UPS for $18. Daniel S. Mast, R#2, Box 330, Dover, DE 19901.

Double kettle furnace top with single front and door. Two Quaker automatic poultry feeder drive units. 717-656-9632.

8' Snow Plow for dump truck; Farmall H w/loader & sickle mower; Transport disc. 717-345-4882.

Zero 500 Gal. Vacuum Tank, Patz Barn Cleaner, Patz Silo Unloader, Holstein Reg. Stock Bull, Surge Milkers and Pump. 717-345-8815.

Iron wash kettle. Also, Paint pony stud service. Call 717-354-5039. Lancaster Co.

AKC Shelty Male, 4 year old. Good proven stud, $70 or best offer. Amos D. Lapp, RD2, New Holland Rd., New Holland, Pa. 17557.

1974 Datsun 710 Wagon. Mechanically dependable. Body not perfect. Good snow tires. $475 or best offer. Lancaster Co., 215-267-5444 after 4 p.m.

Springing Holstein Heifer Grade with lots of size and type. Bucks Co., 215-822-3962 after 4 p.m.

One horse trailer, TB size. Wooden sides, metal roof, new floor. $250. Hunterdon Co., NJ, 201-782-8952.

Registered Oak Star Holstein heifer due December 20 to Wiseman Dam. Has over 23,000 pounds milk, $1000. Lebanon Co., 717-865-6836.

300 Gal. Esco bulk tank, self contained, good cond., $500. Appaloosa colt, nice blanket, 8 months, $350. Cumb. Co., 717-776-6824.

2 Hereford beef for freezer. 3 Pt. hitch for hay rake. 4-Section harrow. Metal doll house. Phone 717-838-4508. Lebanon Co.

IH 4 Bottom semi mounted automatic reset plow. Field ready, 16". 717-738-2258, Lanc. Co.

Martin 12 ton Tag-Along trailer, new tilt bed. 1970 GMC 318 Detroit 13 speed, good condition. Adams Co., 717-359-5283 after 8 p.m.

Nubian Goats, 12 females due late Dec. early January 4, 1985 females, two buck. York Co., 717-755-4785.

50 Ton of secondary hay at $60 per ton. Also, ear corn. Sch. County, 717-345-4489.

M.M. G1000 LP gas, runs good, 2500 Harvestor Rollermill with 3 hp motor Patz gutter cleaner unit, $300. Lehigh Co., 215-538-1175 eves.

One Jersey family cow. Lehigh Co., New Tripoli, 215-298-2412.

Mennonite top buggy on steel, fair condition, 215-562-5420, Berks Co.

Bashkir Curly Stallion: Pinto 2½ needs attentive training: $2,000 or trade your unlimited use for our stud services. Hunterdon, 201-996-4529.

Eskimo pups. John S. Esh. 331 Stauffer Rd., Lititz, Pa. 17543.

1966 Int. 1 ton dual wheel cattle truck. Priced to sell. Carroll Co., 301-756-6666.

Utility poles, 6-20' long, 1-18' long, take all for $150. 717-432-5731, York Co., 7pm-10pm

Grove ten ton running gear, good condition, 16' forage wagon roofs in good condition. Lebanon Co., 717-949-3955.

JD 2010 with loader. MF 65 diesel matic. Also, 10 month old Jersey bull. Cumberland Co., 717-532-3640.

Int. hough payloader Model H-30; Case 680 CK. Galion grader Model MG. Serial No. 20474. Lanc. Co. 215-445-6032.

Tractor tire chains off 530 Case Ind., good condition. Make Offer. Apple peeler, corer, slicer. Lanc. Co. 717-442-8822.

Six year black standardbred horse, good driver. Open buggy with brakes, good. Ben Stoltzfus, Kinzers, South 741 at sharpening sign.

Two Grade Holstein heifers breeding age. Amos B. King, RD1, Box 123, S. Vintage Rd., Christiana, PA 17509. Lanc. Co.

Used wood and coal Riteway stove, good condition, $200; WANTED: Good used tablesaw. Michael L. Fisher, RD1, Box 195, Rt. 222, Peach Bottom, PA.

Two year Morgan filly; 1 yr. Morgan stud colt, nice. Montour Co. Ira Z. Stoltzfus, RD8, Box 16, Danville, PA 17821.

Model 4612 meat grinder, $350. Dauphin Co. 717-944-1378.

3'x6' cold frames. Best Offer. Montg. Co., PA. 215-828-4953.

Two sets tractor chains, 12x38, one highway type, one field type, $50 ea., excellent condition. Montg. Co. 215-754-7593.

Blue Merle Border Collie puppies, parents work all types of animals. Harford Co. 301-734-7856.

Surge 50+ pump, 5HP motor; dump station w/weigh jar vacuum operated, $300. Berks Co. 717-933-4989.

AKC black and yellow lab. ret. pups, shots and wormed. Lanc. Co. Elam B. Stoltzfoos, 91 Hess Rd., Leola, PA 17540.

NI 12A manure spreader, ground drive, very good condition. Priced to sell. York Co. 717-862-3854.

Foals: one cold and two fillies, $75 ea. Also P.O.A. mare, $250. Berks Co. 215-488-6665.

Clover and orchard grass hay, $1.25/bale at the barn. No rain. Berks Co. 215-367-5340.

Warm morning stove Model 400-A w/fan, $425. Uses coal, creates a lot of heat. After 5:30PM, 717-284-2749.

1971 L800 Ford dump truck, white dump truck. Both 5%2 trans., air brakes. Tioga Co. Eves., 717-353-6491.

Jubilee Ford tractor, excellent condition, loader, 2 buckets, blade, boom cultivator, and small plow. All 3 pt., $3,000. Stewartstown, PA. 717-993-3385.

10 acres all wooded land, easy access, stream. Juniata Co. $12,000. 717-632-3468.

Metal pan for steaming seed beds, 6'x9', excellent condition, very reasonably priced. Lanc. Co. 717-464-2644.

1969 Chev. C20, low miles; '63 Ford Fairlane 500 manure loader for H/M Farmall, ex. cond.; Mountainier 10' camper; L JD plow cultivator. York Co. 717-993-6834 after 5PM.

1155 MF rear wgts., multi power, cab, 3100 hrs., good cond., $8,500. Better Bilt 3150 vacuum spreader, large pump, $5,600. Berks Co. 215-693-5907.

60' of 6" grain auger; Patz barn cleaner unit and chain, 16' tripod, 16' and a 20' Fickes silo. Gutshalls Silo Repair, Womelsdorf, PA 19567.

Free to a good home: female Doberman Pincher, spayed, 3 yrs., very gentle, housebroken. Bucks Co. 215-822-3962 eves.

Century Super 7 weed wiper, like new, only used on 20 acres, 20' wide. 717-244-2739.

Purebred Arabian weenling colt, registered, grey, excellent disposition, bloodlines, conformation. Ideal Christmas gift, $650. 717-366-0617.

Utility trailer, needs work, 15" wheels, heavy duty for car or truck. $35. Monroe Co. 215-681-5265.

For Sale or Trade: Two coon hounds, 1 Bluetick, 1 black and tan. Both started. Chester Co. 215-793-2656.

500 gal. bulk tank w/3HP compressor, milk transfer system, drinking cup, Ritchie 2 hole fountain. Northumberland Co. 717-649-5440.

Warm Morning Stove Model 400-A, $300. Daniel F. King, RD1, Box 14-B, Gap, PA 17527. Lanc. Co.

Trailer, dual axle, 12'x6' heavy duty, new, 120 gallon hot water heater exchanger. York Co. After 7PM, 717-993-3350.

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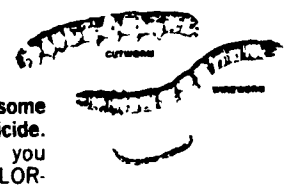

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MAILBOX MARKET
FOR SALE

Wood's 5' belly mounted mower, $550; antique Ellis and Associated gas engines. All restored. Bucks Co. 215-536-3649.

One load of standard horses. Elam B. Stoltzfus, 3066 Irishtown Rd., Ronks, PA 17572.

20x36 Harvestore silo with unloader in working condition. Chester Co. 215-593-5794, 7AM-4PM.

Fresh cows and heifers. Also some due soon. Lanc. Co. 215-445-5003.

Surge 1½" S.S. pipeline, elec. pulsation, 75 plus vacuum pump, wash pump, wash tank, new 30 gal. elec. water heater. Adams. 717-359-7276.

JD 750 grinder mixer with scales; Hesston stak-mover 10W with wheels; Ford C600 tank chassis. Lanc. Co. 717-872-9194.

Egg washer and grader with DeLaval vac pump; large cabinet type incubater with separate hatcher. Lanc. Co. 215-445-4837.

Approx. 3,000 bales wheat straw, $80/ton. Bowmansvile, Lanc. Co. 215-445-5420.

Toy rollers, couple different sizes, ready for Christmas. Isaac S. Miller, RD1, 153 Valley Rd., Christiana, PA 17509.

500 gal. Esco milk tank w/comp.; Surge SP22 vac pump; NH 90 big round bale carrier. North'd. Co. 717-275-2509 eves.

Black half Dorset August ram lamb, $75; Dorset-Targhee fall ewe lambs, $100; Araucana pullets, $2. Northampton Co. 215-588-7191.

Purebred Shropshire rams; ewe lambs, 10 mos. old drenched. Vaccinated for Enterotoximia. D'Ambra & Shepard bloodlines. Leb. Co. 717-949-3653.

Payloader, Michigan, 4 wheel drive, GM diesel, all wheel steer, cab & heater, good cond. Airel bucket truck, 32' reach on Int. chassis, good working cond., $2,600. 717-784-1779.

Snow blower for Ford tractor, 10 or 12HP, like new. $150. Perry Co. 717-567-3645.

Wagner hyd. front end loader with fit Ford 9N tractor. $300. Berks Co. Eves., 215-488-6313.

NH twindrower rake hitch in good condition, $300. Cumberland Co. 717-258-6682.

Montadale ram; Ford Jubilee tractor; 3 pt. rotary mower; 3 pt. grader blade; NI spreader, needs repairs. Dau. Co. near Hershey. 717-566-0340 eves.

469 copies American Racing Pigeon News. Schwartz-Loft, Rt. 1, Box 1100, Jonestown, PA 17038. Lebanon Co. 717-865-5967.

Peacocks and hens, $17 ea. Golden silver and Amherst pheasants. Lebanon Co. Henry G. Royer, 717-949-3401.

1965 Int. 1900 long wheelbase with 15' stake dump, very good condition, $2,000. C&C, $2,500 w/bed. North. Co. 717-648-9644.

Four brand new turf tires for Ford 1200, fronts include wheels. Make Offer. Berks. After 7, 215-582-4161.

430 acres cattle and hog farm. Reduced price. For information write: Harry Troyer, Rt. 2, Box 68, Norfolk, NY 13667.

1,000 gallon Surge bulk milk tank w/automatic washer, 5HP compressor. Berks Co. 215-926-4670.

Maxon truck lift gate, 2,000 lb. capacity, $350; pair 8x25x20 truck tires on wheels, good shape, $100. Berks. 215-929-2415.

AKC registered purebred Norweigan Elkhound puppies born Sept. 27, cute, friendly puppies in time for Christmas. Males, $75. Berks Co. 215-944-0636.

Myers snowplow, 7½', for PU truck, hyd. lift, manual blade angle, $250. Berks Co. 215-286-9778.

Wurlitzer organ, excellent condition, double keyboard, foot pedals. Asking $1,995. Adams Co. Call eves. 7-9, 717-642-5644.

Four cords firewood, $220. E. Z. Stoltzfus, #1, Box 230, Bird-in-Hand, PA 17505. Lanc. Co. (Stormstown Rd. at Quarry).

Rainbow vacuum cleaner; 4'x6' linen cutting table tops; Viking sewing machine; Singer sewing machine; restoreable 1966 Mustang convertible. Leb. Co. 717-866-5555.

1971 Ford F350 rear, 4SP trans., rebuilt 360 engine, front hubs, brake drums, doors, other parts. Berks Co. 215-488-1268.

New barrel stove, $85; Maytag wringer washer (rebuilt), $195. Samuel S. Stoltzfus, 2447 Stumptown Rd., Bird-in-Hand, PA 17505. 717-656-7742, 7:30-8AM Monday.

King trumpet w/Case and extras, very good condition, $65. York Co. After 5PM, 717-764-8189.

8'-10'-14' galvanized channel drain roofing, $29 per sq.; Suburban wood furnace, automatic, $325. Lanc. Co., Ephrata, PA. 215-445-6885.

Farmall C w/cultivators. $950. 717-865-3488

12 Holsteins, 1st & 2nd calf soon to freshen, A-I sired, $650-$800. Franklin Co. 717-263-5702.

Glass pipeline: 170' 1½" glass with receiver jar and trap. Franklin Co. 717-762-1926, no Sunday calls.

JD 35 harvester, 1000RPM w/1R corn head, spout extension and re-cutter screw, excellent condition. Lanc. Co. 717-665-4329.

#999 JD corn planter in good condition. Stephen S. Fisher, R1, Lincoln University, PA 19352.

Corrugated metal pipe, new 53'-24" diam., heavy gauge galvanized, $7 per foot. 27'-12", $4 per foot. Berks Co. 215-678-4394.

Set of four metal leg kitchen chairs, $25; four 10 gal. milk cans, $20 ea. 717-235-1859.

Beef cattle: Hereford Angus cross, bred-Hereford bull, ready to calf, good condition. 15 Head. Chester Co. 215-933-6074.

Cameron coal stove, good condition; good NI shop stove, $200 ea. Samuel F. Stoltzfus, Nottingham, PA 19362.

1980 Gooseneck 20' stock trailer, HD pipe construction wood-lined, mats, full gooseneck, excellent rubber, $2,500. Susquehanna Co. Free Puppies. 717-756-2968.

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Milk parlor equip., glass receiver jar, wash manifold; trap bucket vacuum controls, many other items. Salem. 609-935-5657.

One pair workhorses, choice of 2 pr. Also Smucker forecart with hillside hitch. Gideon J. King, 2552 Bachmantown Rd., Ronks, PA 17572.

Farmall C, rebuilt motor, $900; belly mower, $250 or $1,000 for pair. Chester Co. 215-869-3618.

10 Holstein steers, weight approx. 600 lbs. 301-676 9373.

1,000 gal. fuel tank, elec. pump; 550 gal. gas tank, elec. pump.. Chester Co. 215-273-3974.

Freestanding fireplace and accessories, black exterior with glass doors, auto. blower, 38,000 BTU, excellent condition. $400. Bedford Co. 814-623-9351.

Hay and grain elevator, 28' w/motor, ex. cond. $425. Cecil Co. 301-658-2022 eves.

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704 Uni System 767 Fg. Harvester, 3RN corn head, snapping head, screen & throat for ground ear corn hay head, 1600 hrs., $10,000. Jeff. Co. 814-371-6044.

Ceramic kiln, Amaco elec. type, 230V, 30AMP, 12"x14" chamber, fires to 2350©F, good condition, $150. Schuylkill Co. 717-366-1227.

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Service age crossbred boars: York-Duroc-Hampshire-East Coast, $160. Lanc. Co. 717-354-9368.

290 acre stock grain farm, excellent soil. Louisa Co., VA. Francis MacCauley, Rt. 1, Box 1890, Bumpass, VA 23024.

Allis Chambers WC, good tires 12.4x28 w/wheel weights, heads and carburetor need work. One piston out of motor, $250. Warren Co., NJ. 201-479-6154.

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8' refrig. body great for seafood or meat, fits in back of PU, $1,900. Williamstown, NJ. 609-629-6596.

Speedy 2R stalk shredder, broken rotor, good hammers, bearings and gearbox, $100. York Co. 717-229-2507.

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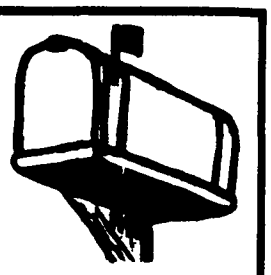

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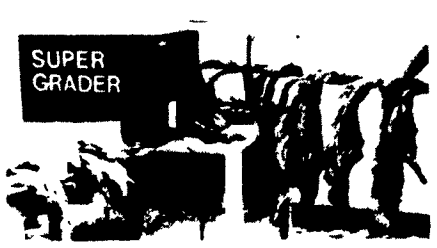

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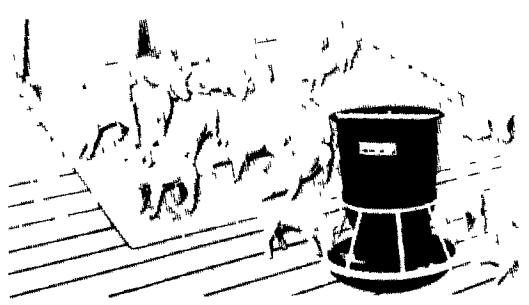

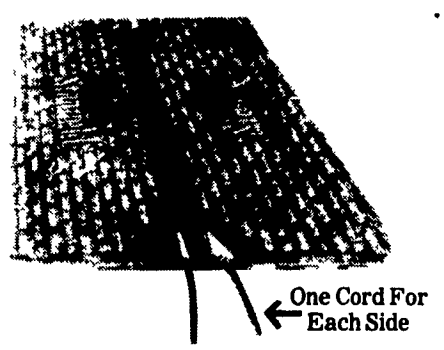

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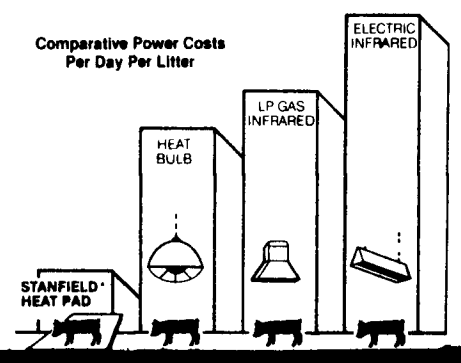

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Moldboard: Width	8 9 or 10 Ft (244 274 or 305cm)	7 8 or 9 Ft (213 244 or 274cm)	7, or 8 Ft (183, 213 or 244cm)	6 7 or 8 Ft (183 213 or 244cm)	5 or 6 Ft (152 or 183cm)
Height	18 (46cm)	18 (46cm)	16 (41cm)	16 (41cm)	13 (33cm)
Cutting Edge Reversible, Replaceable, Hi-Carbon Steel	½ x 6 (13 x 152mm)	½ x 6 (13 x 152mm)	½ x 6 (13 x 152mm)	½ x 6 (13 x 152mm)	½ x 6 (13 x 152mm)
King Pin Dia.	4 (102mm)	3 (76mm)	3 (76mm)	2 (51mm)	2 (51mm)
Throat Clearance	28 (71cm)	26 (66cm)	21 5/8 (55cm)	21 5/8 (55cm)	17 (43cm)
Support Stand	Standard	Standard	Standard	N/A	N A
Weights	8 1211 lbs (549kg) 9 1268 lbs (575kg) 10 1325 lbs (601kg)	7 829 lbs (376kg) 8 877 lbs (398kg) 9 925 lbs (420kg)	7 703 lbs (319kg) 8 740 lbs (336kg)	6 446 lbs (202kg) 7 473 lbs (215kg) 8 500 lbs (227kg)	5 288 lbs (131kg) 6 315 lbs (143kg)
Optional Equipment	Skid Shoes End Plates	Skid Shoes End Plates Gauge Wheel Moldboard Extensions (6 Each Side)* *Note Moldboard Extensions not recommended on 9 models	Skid Shoes End Plates Moldboard Extensions (6 Each Side)* *Note Moldboard Extensions not recommended on 8 models	Skid Shoes End Plates Moldboard Extensions (6 Each Side)* *Note Moldboard Extensions not recommended on 8 models	Skid Shoes

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215-536-1935

MAILBOX MARKET
FOR SALE

JD 1250, 6R planter, dry fert., insec., disk openers, $1,000. Lanc. Co. 215-267-6692.

White Embden geese, 2 female and 1 male. Mated. Laying 50 eggs each a year. Gentle, quite, $30. Berks Co. 215-987-6098.

Skis boots poles K2, 160 look Breakaway bind, $200. Harford Co. 301-836-1192 eves.

NH 8HP riding mower, excellent condition, has new engine, hydrostatic. Reasonable. 717-354-9993.

AKC Doberman pups, shots and wormed, ready for Christmas. Black and red, $100. Lanc. Co. Eves. 4-7. 717-786-3874.

Norwegian Elkhound Pups: AKC Ch. bloodlines, exc. temp. Ready for Christmas. 717-733-4640.

Winco 3700W, 115, 230 alternator, $100; Wisconsin Robin 75HP engine, like new, $250. 717-354-7267. Irwin M. Nolt, RD1, East Earl, PA 17519.

Columbia cook stove 4 plate, White $25. Ford snowblower to mount on lawn tractor, $75. York Co. 717-235-5992.

Complete gasket set, complete rod and main bearing set for Farmall 300 tractor. Ben J. Kinsinger, RD1, Box 234A, Meyersdale, PA 15552.

Fidelity 35,000 watt PTO alternator 120/240 volt, 146 amps at 240 volts, new, never used. Union Co. 717-922-4306.

Plow for Farmall A; old house shutters; aluminum storm door; NH manure spreader. Lanc. Co. 717-656-6644.

4000 bales hay 1st, .80 cents; mulch .60 cents; AC no-till 5 unit corn planter; Shepter diesel tractor, not running. Westm'd. 412-238-4265

7' Stalk Chopper, $375. Hess's Sweet Bologna & Dry Beef. Christ S. Fisher, May Post Office Rd., RD1, Box 192A, Strasburg, Pa. 17579.

3 cylinder Hercules engine for parts. Berks Co. 215-856-7208.

JD 43 PTO corn sheller on wheels. Lanc. Co. 717-665-3865

Hickory rocking chairs, a nice Christmas gift. Eli Z. Byler, R.D.1, 5AW White Oak Rd., Paradise, Pa. 17562. Lanc. Co.

Farmall M w/hyd. pump, PTO, cult., rebuilt engine; A w/cult.; Transport rotary hoe; Platform scale; Cub A implements. Salem Co. 609-358-8625

Kwik-Way valve refacer, model VS, completely reconditioned except chuck, have books. $700. Talbot Co., MD. 301-745-9408 nite.

AKC Keeshund puppies, ready for Christmas, good farm dog. Lanc. Co. 215-445-6950

Second cutting Alfalfa at $90 ton; Timothy $70. ton at barn. Also assorted Acorn gutter cleaner parts. Hershey area. 717-566-8752 after 6:30 p.m.

Pygmy Goats N.P.G.A. Registered Caramel and Agouti, Bred Does For Sale and Stud Service. Chester Co. 215-935-7855 & Montg. Co. 215-948-6421

2 tractor tires w/tubes, 18.4x38, good half tread. $200. each or Best Offer. Leb. Co. 717-865-5340

Driving Harness, good shape. Lanc. Co. Amos Zook, Buena Vista Rd., R.D.1, Box 95, Gap, PA. 17527.

Stokermatic coal furnace, forced hot air, 115K BTU E.C., $500. OBO. Glou., NJ. 609-423-7245 after 7 p.m.

IH snow plow, $175.; NH 256 rake, rubber teeth, $1,375.; NH 66 baler, $195.; Fairbank scales, $95.; NH 450 mower, $695. 717-354-0266

Pheasants, hens & cockbirds; Also 2½ yr. old saddlebred quarter horse gelding, shown successfully. Leb. Co. 717-949-3246 after 5 p.m.

JD 7000 4 row planter, dry fertilizer, no till coulters, very nice. $4,900. Can deliver. York Co. 717-229-2346

Pheasants: Golden Hens and Lady Amherst Hens. 607-692-3717. Ken Knowlden, Lower Kales Hill Rd., Whitney Point, NY. 13862

3 Holstein Springing heifers to freshen in December. Union Co. 717-966-2379

Wood's bale buster w/1½ h.p. electric motor, good condition. Make Offer. Union Co. 717-922-1650

60' Auger (12") bunk feeder, never used, with or without motor. Incredibly low priced. Adams Co. 717-359-5863

4 yr. old saddlebred horse, a very top driver. Also standardbred horses; 420 JD tractor on steel. Lanc. Co. 215-267-3695

3 Rat Terrier Pups, 6 weeks old, wormed, ready to go, all females. $45. 215-445-5887

Weimaraner Dogs w/AKC pedigree. No Sunday Calls. Lanc. Co. 717-656-9734

Border Collie Pups, no papers, $35. Lancaster Co. 717-656-6160

White pigeons, while they last, $2.00 a piece. Adam Leid. 717-445-6548

(3) 20' Pine Trees; 20 h.p. Quincy air compressor (model 390), recently rebuilt. $3,000. Lanc. Co. 717-626-5469

Herd of Grade cows, avg. 50 lb., 3.8%; pick 50 out of 60; also 15 bred heifers, must move by March 1st or can go sooner. 717-354-4377.

Steel wheels built on Ford rims, Berks Co., 215-683-6321.

4 Eskimo Spits pups, males, $20 each. Chester Co., 215-286-5403.

1976 Winnebago Sportsmens Den, generator, air, cruise, 350 Chevy, full bath, awning, original tires, loaded. Sullivan Co., 717-928-8208.

1972 IH truck w/steel flat bed, 6,400 actual miles. Equipped w/hyd. John Deere Roto-Boom loader, excellent. Blair Co., 814-944-2882.

F.B. Toy Fox Terrier, 6 wk. old Jan. 4th. Apply to Weaver W. Shirk, near Hahnstown, RD#3, Ephrata, Pa. 17522. Lanc. Co.

Beehives for spring pickup. Double supers and guaranteed good condition. Lanc. Co. or Clinton Co., $65 each. 717-786-3298 eves.

10 Holstein heifers, some fresh, others due Dec. Excellent heifers. Sch Co., 717-386-4743, 386-3724.

Sale or trade: 25 cubic feet chest freezer, good condition, need an upright freezer (large). Harford Co., 301-836-1741.

Sprout Waldon 654 cu. ft. truck bulk bin, with a Sprout Waldon blower and fan. Snyder Co., 717-374-9686.

Rabbits: Netherland Dwarfs and Brown Silvers. Excellent show, breeding stock from A.R.B.A. Grand Champion Parents, pets also. Lebanon Co., 717-933-5949.

Beef Cattle: 3 Hereford cows bred for spring calving, $400. 2 Other cows with calves. Excellent condition. Bedford Co., 814-635-2254.

Hay mixed mostly alfalfa. Farmall 3 point adapter. Registered Appaloosa brood mare. Juniata Co., 717-694-3923.

Firewood $25 per ton, long length, $65 per cord cut 18" to 20" length. 717-438-3737 after 5 p.m.

MAILBOX MARKET
FOR SALE

1948 Chevy Truck, 235 engine, recently overhauled, 4-spd. trans., with PTO, sell parts or complete. Snyder Co., 717-374-9686.

Ford 17' rollback F350 truck, PS, air, deluxe new tires, very clean, $11,000. Burl. Co., 609-723-2574.

1980 Chevy FWD 30 Series flatbed dump, excellent cond. Call evenings after 5. Leb. Co., 717-273-8370.

Pheasants-Amhurst, Yellows. Quail Gambel, normal and silver button. Free to good home. Norwegian Elkhound. Harford Co., MD. 301-836-1213.

Gas stove, coppertone, cast iron burners. Jacob Y. Beiler, RD3, Box 434, Quarryville, Pa. 17566, Dry Wells Rd.

JD A unstyled head and radiator. 1932-1936 Ford dump body complete. 1941 Dodge Deluxe Cp. Montg. Co., 215-679-5788.

Ford 3-point belt driven buck saw. 3 Swab wagons, wire corn crib, about 15' diam. 6½' high. After 5 weekends, 717-865-7390.

IH 574 Diesel Hi-Clearance, $4,000. Gehl mixer mill #115, $750. Lanc. Co., 717-859-2712.

Alpine buck. Dam: Fox Hill Merrirose, Sire: *B Hill N Holler Star Journey Reasonable. Bucks Co., 215-257-8847.

Case wagon chasis. Perry Co., 717-567-3668.

Two registered Cheviot rams: Yearling, four year old. Both show stock quality. Ulster Co., N.Y. 914-255-5292.

1967 International pickup, ½ ton, 3-spd., V8. Berks Co., 717-933-4760.

75 Ford S.W., 400 engine. Good tires, runs good, best offer. 215-926-1141, Berks Co.

Farmall C, runs, 2 row corn planter, sycle mower, cultivators, plows, $400. After 5 p.m. 215-856-7167. Berks.

Multivator, 2 adjustable heads, rebuilt: solid tarp fumigation rig & supplies. Both used in strawberries & vegetables. Southern Lanc. Co., 717-529-2249 eves.

22½ Cu. Ft. Freezer, real good, $250. 1972 Honda 90, dual trans., 1900 mi., A-1, $450. Adams Co., 717-334-3293.

Remington Model 700, 25-06 deer rifle, $325 w/sling. Daniel F. King, Box 153, Springville Rd., Quarryville, Pa. 17566. Lanc. Co.

Butler Grain Bin 10,600 bushels with fan, heater, stir, floor, and electric panel, $6700. Kent Co., 301-348-5017.

JD 9' 3-section drag harrow; 2 NH false endgates with unloader; straw. Dauphin Co., 717-896-3351.

Singer leather sewing machine, in working condition, $125. Franklin Co. John L. Stoltzfus, 19180 Back Rd., Doylesburg, Pa. 17219.

2½ yr. old Guernsey, fresh 6-23, bred back and due 7-3-86. Cumb. Co., 717-737-3865.

Gray Welsh pony, 13 yrs. 12.1 hands. English/Western, child safe, $625. Keith Tremel, Box 731, West River, MD 20778. 301-261-5327.

MF 510D 14' grain head, tiger floating bar. Case 660 13' grain head, needs shive. 609-259-7989. Monmouth Co. Call 7 a.m. Duals 18.4-14.9x26.

Int. 1700 with HiRanger 40' reach, insulated bucket truck with air to bucket, 22,000 miles, $5500. Frederick Co., MD, 301-293-2577.

Austrian Pine Christmas Trees, $5. Apple firewood for $55 cord. Very nice apples. Wholesale prices. Columbia Co., 717-672-2638.

AC HD-4 Loader & hoe, power shift, J.H. Moss, Gapland, MD 21736, Washington Co., 6-9 p.m. 301-293-1641, 18 ton Tag-a-long.

2 Twelve hole hog feeders. Jamesway litter carrier. Lanc. Co., 717-354-0018.

Manx cats & kittens. Amos M. Hoover, RD1, East Earl, Pa. 17519, Lancaster Co.

1974 Dodge Pickup, Clubcab 318, 85,000 mi., excellent running condition, with/without camper, sleeps 4-6. $1695. 2-Horse trailer dressing room, $895. 717-259-0681, Adams

Smiley Pig Feeders. Pride of the Farm Pig Waters. Four ton feed bin with auger, all good condition. Lancaster Co., 215-267-7381.

DeLaval Cream Separator, $150. 100' Walnut lumber, $150. Snyder Co., 717-374-7845.

Victorian interior doors, some with original hardware. Also, iron and brass bed. Lebanon Co., 717-867-5077.

German Shepherd puppies, AKC, black/tan, black/white. Shots, wormed. $150. Ready for Christmas. 814-443-4166, Somerset Co.

81 Chevy dump truck, 4x4, 4-spd., 454, $9,800. 1984 Hillsboro Gooseneck trailer, 16' dump, like new, $5,700. Berks Co., 215-589-5228.

Milk can lift for water cooler. $20. 717-566-0092

English Setter Pups, 6 weeks old, male, female. $50. Kennett Square, Chester Co. 215-444-5013

NI manure spreader, PTO, single beater, very good condition. Bradford Co. 717-746-1900. Stanley Frystak, Wyalusing, Pa. 18853.

Acorn barn cleaner, stainless steel cable w/motor; Used Farmway barn cleaner chain. Lanc. Co. 717-284-4565

Antifreeze, $16 for 5 gal.; Kendall oil, $20 for 5 gal. in your can. Call for Barrel Price. 717-354-7267

JD LA tractor, A1 condition, cultivators, potato plow, $1,600.; JD LUC power unit, restored, $550. Rockingham County, Virginia. 703-828-6328

4 row corn planter, AC 600 no-till; FC-55 Kuhn disc mower conditioner. Huntingdon Co. 814-669-4634

Flat bed truck body, 14½', all steel frame and floor, $275.; Corn sheller, 2 hole, Pa. #8, good shape, $60. Bucks Co. 215-536-5175 eves.

Herd of 25 Holstein Heifers, 16 due Dec. thru May, 9 Open. Dauphin Co. 717-692-4501

Bob White Quail; Golden and Amherst Pheasants; Gray Call Ducks; Chuckor Partridge; Wild Turkeys; Male Ostrich; Blown Rhea Eggs. Lanc. Co. 717-733-2425

Work horses, 1 grey, $500., 1 sorrel, $400. Were used together. Lanc. Co. 717-354-6602

1949 Crosley, complete, needs body work; 1936 Ford wire wheels w/600x16 tires, small hub, model T rim. 717-944-3049

NI 10 corn picker, $500.; IH corn picker, $400.; Thomas grain drill for parts, $50.; Ford pickup, 4x4, 1976. Leb. 717-865-2944

350 lb. Butcher Hog. Lanc. Co. John M. Sensenig, R.D.2, Box 769, Akron Rd., Ephrata, Pa. 17522.

Hay, Timothy and Clover mixed, by bale or ton. Adams Co. 717-259-0048

Dunham Lear QT loader, $1,500.; MH 80 combine, $600.; 7' chisel plow, $100. Columbia Co. 717-799-5425 evenings

Clark utility trailer, 6' by 9', $475.; 2 concrete stave silos. Leb. Co. 717-866-4601

Registered Holstein Bull Calf, Dam V6-85 Tradition w/over 23,000 lbs. milk, Granddam on elite cow list. $200. Snyder Co. 717-658-7776

1975 Chevy pickup truck, needs motor overhaul, $300.; 1 sheep squeeze, good condition, $200. Baltimore Co. 301-592-2969

Boston Terrier Pups, 2 males, nicely marked. Lanc. Co. 717-354-7423

Walnut Grandfather Clock, German movement, Westminster chimes, moon dial, etc. Also Doll cradles, magazine or book holders. York and Adams Co. Line. 717-432-4597

2 Western saddles, 1 English, $50.-$100.; Also Reg. Appaloosa horses, big and gentle. Lanc. Co. 717-665-3663 evenings.

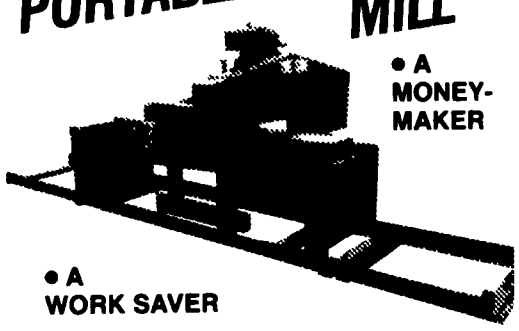
2 water radiators, 1 32"H 46"L 8"W, 6 T, $35. Other 38"H 46"L 10"W, 3 T, $10. York Co. 717-235-1855

Surge Alamo 30 plus milker complete. Also 2 units & 2" vacuum line Hinman pump. Adams Co. 717-624-8124

JD conservation 6 row plateless corn planter, like new; AC 8 row bean & 4 row corn planter. York Co. 717-993-6146

JD B tractor, new paint, Puch moped, like new. Lanc. Co. 215-445-5188

KASCO PORTABLE BANDSAW MILL



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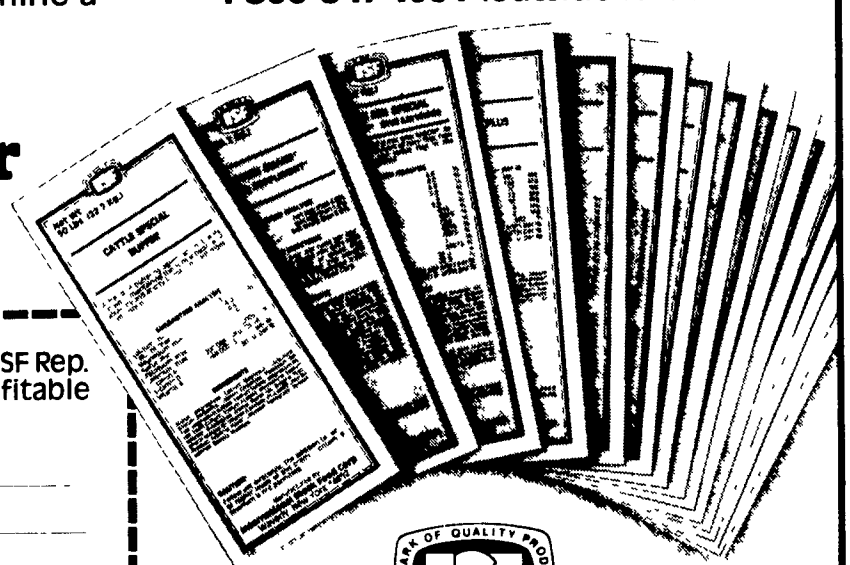

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MAILBOX MARKET
FOR SALE

Hardtop Camper, sleeps 4, fridge and gas burners, $395. or Best Offer. 717-367-2656

1972 GMC grain dump, 427 engine, low mileage, factory Morgan body, 5 spd. w/2 spd. rear, twin cylinder dump. $6,000. Monroe. 215-681-4891

IH 350 mounted vibra-tine harrow, 18' folding, like new, but weathered. $1,000/Offer. Warren Co., NJ. 201-859-6341

MAILBOX MARKET
WANTED

Stoltzfus 8 ton wet lime spreader in good condition. Chester Co. 215-444-3662.

End gate for IH 275 manure spreader. Bucks Co., PA. 215-598-3206.

New Zealand white rabbits, 6 months and older. Lanc. Co. 717-665-6647.

Open Amish buggy and new or used flails for Cunningham power scy. Columbia Co. Samuel S. Stoltzfus, RD9, Box 107, Bloomsburg, PA 17815.

Meat bandsaw for personal use. Reasonable price. York Co. After 6PM, 717-432-5000.

Ueed MF two spool valve for MF 165 tractor, original equip. Northumberland Co. 717-286-9380.

Backhoe attachment for JD 440 crawler loader & JD 440 crawler loader for parts only. Bucks Co. 215-536-6800.

High back double porcelin kitchen sink in good condition. Also window sashes 29x24. Berks Co. 215-589-2391.

Snow or dirt bucket for Int'l. 1000, one arm loader. Berks Co., 215-682-2013.

Named Cast Iron Machinery seats, tool boxes, corn planter, lids. Elmer Gamble, R#1, Alexandria Bay, N.Y. 13607. 315-482-2371.

Old cigarbox labels, photographs, certificates, documents, postcards, Valentines. CASH PAID. Evenings 717-560-0639 or 664-3207. Write: Box 5301, Lancaster, Pa. 17601.

16-20' trailer. 717-529-2694.

Charolais cows, heifers or calves wanted for beginner. Priced reasonable. Lehigh Co., 215-282-3683.

Cab for Ford 4500 Backhoe. Any condition. Burl. Co., 609-829-7266.

Horse Collars Half Sweeny, size 28, 29, 30. Also, horse drawn wagon. Jim Mazanec, 427 Green River Rd., Greenfield, MA 01301.

Wide front end for 1944 John Deere B. Also, 10-38 tractor tire. Will consider complete B for parts. Berks Co., 215-926-2446.

Incubator, cabinet type, 200-300 egg capacity, automatic turner. Berks Co., 215-582-2587 after 5:30 p.m.

Four to six ton bulk feed bin. P.O. Box 94, Gradyville, Pa. 19039. Delaware Co., 215-459-3212.

Ford Truck F-750-800, 27,500 lbs. 174 Wheel base, good condition only. M&G Cockerham, 215-644-3535, Chester Co.

Rolabar Rake, prefer right hand. For Sale: nice bucher kittle, $100. Possible delivery. 717-458-5959.

Case 800 tractor for parts. Need transmission case. Warren Co., 201-453-2491 after 5:30.

Pepper Sizer, 2-way belt, and dumper. Cumberland Co., Bridgeton, N.J. 609-451-8189.

Trade a shredder, for a spreader for a 6600 JD Combine. Ken JHershey, 215-932-8108, Chester Co.

York or Farquhar Plate Mill's. Would consider other small plate mills or corn crackers. Write Robert Rauhauser, Thomasville, Pa. 17364.

Shop repair and operators manual for H-3 or HD-3 Allis Chalmers bulldozer. Somerset Co., Pa. 814-445-5217

Bedding Chopper in good condition. Chester Co. 215-869-9777

Source of dry poultry manure, delivered in quantity. Please contact. Bucks Co. 215-257-8491

Front end bracket for MF 65 and steel front end weights. Huntingdon Co. 717-483-6259

Souder loader w/hydraulic bucket. Lanc. 215-267-3501

Used buggy, any type. Reasonable. Pay on time. May have items acceptable for trade. 301-228-4418 after dark.

230 or 430 Gleaner corn head, prefer late model w/black auger. Lanc. Co. 717-548-2877

Hammermill w/bagger, prefer PTO and smaller size. Chester Co. 215-269-3224 after 7 p.m.

Used 9' feed bin w/tapered bottom, 3 or 4 ring high. Lanc. Co. 717-656-9764

7" irrigation pipe w/Wosco couplers, 30' or 40' lengths. 717-539-2711

Snow Plow and/or Salt spreader for 10 ton Int. dump truck at reas. price. 215-264-5070

Old tractor sales literature, signs, clocks, etc. from old equipment dealers. Bruce Kibort, 79 Lower Mill Rd., Elmer, NJ. 08318. Salem Co.

30" used gas range in good condition. Also 30" range hood. Lanc. Co. 215-445-7191

Surge Tru-Test or other similar milk meter, new or used, reasonable. Luz. Co. 717-384-3591 after 7:30 p.m.

Narrow front end for AC 170 or 175 tractor, whole post or spindle assembly. Blair Co. 814-793-3032

Antique Santa Claus figures! Christmas/Halloween ornaments! German Toy Villages! Cash paid. Box 5301, Lanc., Pa. 17601. 717-664-3207

Cast Iron Jamesway water bowls. Cumberland. 717-776-7656

Threshing machine in good condition. Isaac S. Hostetler, R.D.1, Box 444, Charlotte Hall, MD. 20622. St. Mary Co.

PTO belt pulley assembly for Ford 4000 tractor Lebanon Co. 717-949-3443

A good herd of dairy cows for January. 717-393-0930

AC D17 tractor series IV, AC 170, or AC 175 gas. Must be in good condition. Highland Co. 703-396-3478

Drive sprocket for Oliver OC46 crawler. Berks Co. 215-856-7208

MAILBOX MARKET
NOTICE

Will board heifers over winter, quality silage, hay mineral. Lanc. Co. 717-442-8223.

Old time valve and valve seat grinding done reasonable. Call after 6 p.m., 215-385-3187, Berks Co.

Rent Airville, near Norman Woodbridge. Cropland, 100 acres for Spring 1986. 3 Bedroom house & 15 acres, needs work. Reference. 301-329-6842.

FREE for taking down and away, 26x24 wooden 1 story building. 717-566-0092

Sale Reports

A large Public sale was held November 29 in the matter of R. W. Bob Raffensberger, Inc., Bankruptcy #BK 1-85-00725 at 1040 W. Princess St., York, Pa. The small plumbing stock and tools sold fast at good prices.

Other items sold as follows: Groov-Master E-200 lock former $2550, Peckstow & Wilcox #238 shearer $1500, Chicago 8' brake $2800, lock former $700, roller $590, power vise $205, wacker $340, 3 gas furnaces $400 each, portable heaters $80 to $140 each, 1981 Case backhoe $19,800, Homemade lift $1850, 1972 Ford stake truck $1650, 1972 Ford dump truck $3000, 1973 Dodge Kary Van $1725, 1978 Ford Econoline 250 vans $1050, $1200, & $1350 each, 1981 Ford pickup truck $1900, desk & chairs $75 to $100 each and Radio Shack computer & printout $930.

The sale was conducted by Gilbert's Auction Service w/Jacob A. & Brian Gilbert.

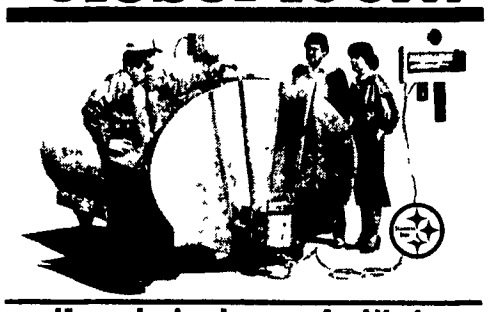
XXX

A Public Sale of real estate was held December 7 five miles north of Mifflintown, Juiniata Co., Pa.

The one acre lot with a three bedroom house was sold for $49,000.

Long's Auction Service conducted the sale.

take a closer look!



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Used Tanks & Compressors Available

MARTIN'S REFRIGERATION SERVICE

Phone (717) 352-2783
Sales & Service

1122 Woodstock Rd
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CLIP AND SAVE

Now Is The Time To Have Those Engines Tuned Up & Rebuilt

Save 10% Off On Parts

Local pick-up & Delivery

WISCONSIN & A.C.

Honda - Kawasaki - Briggs-Stratton

SAVE

- 5% OFF On New Wash Machine Engines With Ad Order by 1/10/86
- Maytag Wringer Washers
- Lawnflite Reel Mowers Sales & Service

SAVE

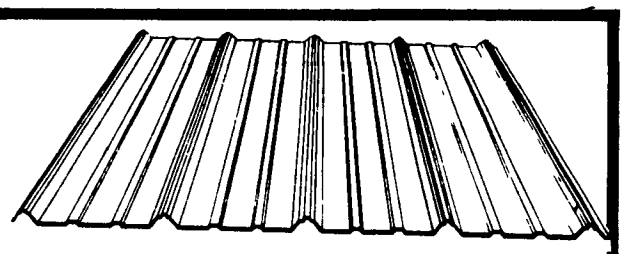
Call (717) 656-7742 7:30 to 8:00 AM Mondays

Stoltzfus Engine Service

2447 Stumptown Rd., Bird-in-Hand, PA 17505
½ Mi. East of Witmer

SAVE

Imperial Rib



Strength, Durability and Beauty!

- High tensile galvanized steel panels • Five major ribs (¾" height) • 36" coverage
- Anti-siphon feature • Warranted Ceramic Siliconized Polyester Paint System
- 12 colors in galvalume, plain or painted

Imperial Rib is custom-cut to the inch to fill your needs in lengths up to 45 feet, reducing or eliminating end laps. You get a tighter, stronger, more attractive building.

IMPERIAL RIB'S ANTI-SIPHONING FEATURE

Imperial Rib's ¾" rib with anti-siphon feature creates a break in the siphoning action that gives you a weather-tight structure when installation is performed to manufacturer's specifications.

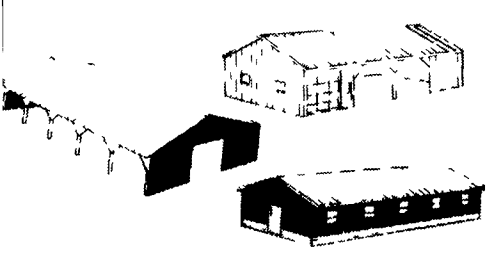
Blown In

INSULATION

Distributor For

INSUL SAFE III FIBER GLASS INSULATION

- Energy Savings
- Premium Quality
- Noncombustible
- Noncorrosive
- Odor Free
- Won't Rot or Decay
- Won't Attract Pests or Vermin



Complete Pole And Other Buildings

ETTERVILLE SALES

RD 2, Box 267, East Earl, PA 17519

Call us for low prices

(717) 354-7561

DECEMBER DISCOUNTS

We are ready to talk to you about our December sales programs! We have 3 different programs tailored to fit the way you handle fertilizer.

The basic plans are as follows:

1. **December Payment And Delivery** Ideal for any planter fertilizer. We can deliver in bags or bulk into a bin or gravity wagon. (December delivery discount allowed)
2. **December Payment And Season Delivery** This program locks in December prices for delivery any time in season.
3. **Pre-Payment Plan** - Interest is paid on unused balance. Materials are charged against account as purchased.

★ CALL - Our Qualified Sales People Will Be Happy To Call On You!

Don't Forget - It's not to late to fertilize alfalfa and apply herbicides

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ORGANIC PLANT FOOD CO.

AG PRODUCTS
MASTER FARMER
AG SERVICES

2313 Norman Road
Lancaster, PA 17601
Tel. (717) 397-5152

Hours: Mon. thru Fri. 7:00-4:00
Sat. 7-12:00

Sale Reports

A Public Auction of original Abner Zook painting sculptures, and antiques was held December 7 by Eugene and Miriam Landis, along Route 501, 1 block north of Route 422 in barn at rear of Lantern Lodge Motel, Myerstown, Pa. 385 bidders attended.

The 2 works of art by Lancaster Co. Old Order painter and wood carver, Abner Zook were sold for $3100 and $3200.

Other prices included: flax spinning wheel $800, wool spinning wheel $330, 8 pc. cherry dining room suite $1600, 4 pc. cherry bedroom suite $600, wooden chest $270, coffee grinder $420, 2 copper tea kettles $70 & $72, brass bucket $42.50, butter paddle $40, agate kettle $42, agate teapot $100 and set of 5 agate plates $65.

Paul E. Martin and John D. Stauffer were the auctioneers.

XXX

A Public Sale of real estate and personal property was held December 7 by Esther Wolf, 107 N. Franklin St., Palmyra, pa.

The 1½ story frame dwelling and 1 car garage were sold for $40,000. Other prices were: china closet $240, blue carnival vase $90, carnival hatpin holder $80, amber carnival salt shaker $85, set of blue carnival salt & pepper $60, and rainbow quilt $89.

Ralph B. Heisey and John Cooper were the auctioneers.

XXX

A Public Auction of antiques and toys was held December 7 by Harold (Skip) Crossan, Lewisville, Pa. at Hunter's Sale Barn, Inc., Rt. 276, Rising Sun, Md.

Some prices included: 1926 Dodge 4 dr. Sedan (20,000 original miles) $6150, oak sideboard $185, advertising tin coffee cans $16 to $38 each, batter jug $95, child's wood rocking horse $55, round oak pedestal table $395, oak dresser with beveled mirror $230, glass butter churn $30, crocks $45 to $75 and the following toy tractors–M.H. 44 toy tractor $325, Min. Moline rubber toy tractor $85, Farmall Cub plastic toy tractor $200 and McCormick Deering manure spreader toy $35.

Norman E. Hunter and Christopher E. Hunter were the auctioneers.

XXX

A Public Auction of home furnishings and a Bohlens tractor was held December 7 by John R. and Mary J. Frohmander, 6 miles north of Oxford, Colerain Twp., Lancaster Co., Pa. There were over 600 people attending the sale.

Some prices included: Bohlens G-194 D 4-wheel tractor $8000, pony cart $510, rototiller $315, generator $220, Winchester Model 701 gun $450, dinette set $300, 2 pc. livingroom suite $1100, 5' oak roll top desk $700 and oak file cabinets $200 & $180.

Whiteside & Associates conducted the sale.

XXX

A Public Sale of machinery and ear corn was held December 7 by Howard T. Long, Sr., Leeds Road, Cecil Co., Elkton, Maryland.

Some prices received were: 1200 bu. ear corn in crib $2.35 per bu., 1000 bale hay $1.20, 300 bale mixed hay $1.30, 400 bale alfalfa $1.50 per bale, 1000 bale hay $1.25 per bale, 1000 bale straw $1.05 per bale, Case 1494 tractor $15,000, Int. 2250 loader $2500, N.H. #488 haybine $4100, N.H. manure spreader $1600, J.D. 630 tractor $2300, J.D. 24 T baler $1250, J.D. 400 grinder mixer $1000 and Int. 674 tractor $6200.

Aberdeen Sales Co., Inc. conducted the sale.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

DECEMBER

MON. DEC. 16 - 12:30AM Bankruptcy Auction of International Medical Instruments, Inc., #1 Lore Ave. (Corner of Marsh & Phila. Pike), Wilmington, DE. Selling Comuter & Supplies, Office Eq. Rudnick Associates.

TUES. DEC. 17 - 10AM Construction Eq. For: Nami Bros., Inc., Trenton, NJ. Vilsmeie2 Auct. Co., Inc.

TUES. DEC. 17 - 4PM Farmersville Auction in Farmersville, 3 mis. E. of Brownstown, Lanc. Co., PA.

TUES. DEC. 17 - 10AM JD 314 Tractor, JD 48 Mower, JD 54 Blade. Located Rolling Acres, Towanda, PA. John Deere Co., Inc.

TUES. & WED. DEC. 17 & 18 - 9:30AM Ea. Day. Troxel Farms Dispersal of 400 Holstein Dairy Cattle, Farm Eq. Located 8 mis. NW of Ashland, OH, on Ashland C.R. 658. From U.S. 250 in Savannah turn W. at the Restaurant, follow to sale. Jim & Jed Troxel, Owners. Brown's Auction Co. Steve Andrews, Dave Acker, Jake Schlabach, Robert Eby, Aucts.

WED. DEC. 18 - Johnson Bros. Auction Co. Farm & Industrial Eq. Consignment Auction, 45 mis. W. of Columbus, OH, on US Rt. 36 just E. of Fletcher, OH.

WED. DEC. 18 - 8:30AM Furniture, Oriental Items, Antiques, Jewelry, etc. Estate of Elizabeth Spittler. Located Lemaster Community Center, Lemaster, Franklin Co., PA. 13 mis. SW of Chambersburg, PA. J. Robert Meyers, Auct.

WED. DEC. 18 - 1PM Chester M. Peachey Herd Dispersal of 75 Head Grade Holsteins. Located Belleville Livestock Market, Belleville, PA.

THURS. DEC. 19 - 10:30AM P.S.T. Line & Const. Eq., Contrs. Tools & Light Vehicles. For: The L.E. Myers Co. Group, Irvine, CA. Vilsmeier Auction Co., Inc.

THURS. DEC. 19 - 11AM Selling 150 Head. Melvin Kolb, Inc., Woodsboro, MD. Thomas Kolb, Manager.

THURS. DEC. 19 - 11AM Kentholm Registered & Grade Holstein Dispersal & Invitational. Located Byron, NY, ½ mi. N. of Rt. 33, 7 mis. E. of Batavia, 3 mis. S. of Byron on Ivison Rd., Use Thruway Exit 47 or 48. William Kent & Family, Owner. William Kent, Inc., Aucts.

FRI. DEC. 20 - Dairy Sale to be held at Smoketown Quality Dairy Sales, Smoketown, Pa., Rte. 340, 5 miles east of Lancaster, 5 miles west of Intercourse, at Smoketown, Pa. Sale managed by Gordon & Helen Fritz.

FRI. DEC. 20 - 10AM JD 60 Skid Steer Loader. Located Stan's Inc, Cabot, PA. John Deere Co., Inc.

FRI. & SAT. DEC. 20 & 21 - 2 Day Public Auct. Fri. 12 Noon; RE 2PM. Sat. 9AM. Public Sale of Valuable Real Estate, Hshld., Antiques, Farm Eq., Tools. Located along Rt. 23 at 281 E. Main St., Leola, R2. Terms by: Lois J. Martin, Executrix for Ralph Carl Estate. Robert E. & Jeffrey R. Martin, Aucts. Frank L. Steller, Auct.

SAT. DEC. 21 - 9:30AM Utility Eq. & Vehicles. For: Bell of PA, Trevose, PA. Vilsmeier Auct. Co., Inc.

SAT. DEC. 21 - 2PM 1.25 A. Tract & Building, 7200 sq. ft., New Holland, PA. Location: Along Rt. 23 E. of New Holland adjacent to Earland Industrial Park. ½ mi. W. of Rt. 23 and Rt. 322 intersection. Terms by: Paul H. Kurtz, Inc. Randal V. Kline, Lloyd Kreider & Roy Good, Jr., Aucts.

SAT. DEC. 21 - 1PM 10.5 A. dairy farm. Located: Juniata Co., PA, along Rt. 75 between Penulack & E. Waterford. Terms by: Phares & Anna Zeiset. Lamar & Melvin Sensenig, Aucts.

NOTICE OF PUBLIC SALE

TO ALL CONCERNED:

Take notice that the following chattel will be sold at public auction to the highest bidder on the 17th day of December 1985 at the place of business of Rolling Acres located in Towanda, Pa. at 10:00 o'clock in the forenoon:

1 JD 314 Tractor
Serial #222192
1 JD 48 Mower
1 JD 54 Blade

John Deere Company, Inc. reserves the right to bid at the public auction sale. Equipment is to be sold in As-Is condition.

DATED: 2 December 1985

JOHN DEERE COMPANY, INC.
P.O. Box 4949
Syracuse, New York 13221

PUBLIC SALE

OF REAL ESTATE & LUMBER

SATURDAY, DEC. 21, 1985

@ 2:00 P.M.

Located 3 miles south of Honey Brook along Beaver Dam Rd. Take Rt. 10 south to Beaver Dam Rd., turn left 1 mile to property.

Ral Estate consists of 57.6 acres of land. 20 acres tillable and in high state of cultivation; remainder pasture & woodland w/some large timber. 1700 ft. of road frontage on Beaver Dam Rd. and 281 ft. on Birdell Rd. Deed Reference: B-61, Pg. 105, Chester Co. Records. TERMS: 10% day of sale; settlement by Jan. 21, 1986.

Approx. 3,000' of used alum. roofing; 1500 sq. ft. of channel drain roofing; Sliding doors, 200' steel door track & hardware; Plywood; Doors & windows; Asst. used lumber - 2"x6", 4"x4", 3"x5", 2"x8" (various lengths); Steel beams - 6"x12"x5"x10", 8"x8" (approx. 30 pcs.).

Terms By:
EMMANUEL & REBECCA K. ESH
Alvin Horning, Auctioneer
#AU-000433-L
HORNING FARM AGENCY, INC.
215-286-5183

SHORT NOTICE

FARM EQUIPMENT & DAIRY CATTLE DISPERSAL

FRIDAY, DEC. 27, 1985

10 A.M.

At the farm on Pea Ridge Rd., west of Frostburg, MD, near Avilton.

Formerly owned by Arlen Miller.

Includes: 966 IH tractors; NH 58 baler; IH haybine; Gehl harvester; JD plows, and skid steer loader; 54 Holstein dairy cows.

TERMS: Cash. Lunch Available.
Complete Listing Next Week.

Owners
LAVERNE & JUDY KEECH
Rt. 1, Box 66
Lonaconing, MD
301-689-3207

AUCTIONEERS:
Clark A. Yoder
AU-001048-L
Salisbury, PA
814-662-2901

Robert L. Custer
Oakland, MD
301-334-1443

MACHINERY ABSOLUTE AUCTION

SAT., DECEMBER 28, 1985

-12:00 NOON

Located 1 Mile East Of Gratz, Dauphin Co., Pa.: Off Route 225 At Yuts Rd.

FARM MACHINERY

M.F. 1135 Tractor - 1977 - Cab- Multi- Power; M.F. 165 Tractor - 1967 - Gas; Int. 806 Tractor - 1965- Narrow Front- Gas; A.C. WD45 Tractor with Cultivators - Narrow Front; M.F. 760 Diesel Combine - V8 Hydro-diesel-Cab & Air- Good Shape; M.F. 63 C 6-row Cornhead- 30" (Sold with Combine); M.F. 16' Grainhead; M.F. 820 22' Transport Disc- 1978; A.C. 6-row Cornplanter (narrow row) with insecticide hoppers - dry fertilizer-1976; Oliver 6-bottom Hyd. reset plow; Brillion 18' Transport Harrow; Walsh 300 Gal. Fiberglass Sprayer; New Idea 160 bu. Spreader - flail type; J.D. 4-bottom Plow - 3 pt; Smoker 24' Hay Elevator; 3 Flat Bed Wagons; FMC Flatbed Tomato harvestor; Holland 3-row Transplanter; Liquid Manure Pump- 6"- P.T.O.; 1966 Ford 1000 gal. s.s. Sprayer Truck with front-wheel drive; 1948 Int. Silage Truck - N.H. Box; 1960 Brockway - single axle Truck Tractor; 1964 Parker 22 - Tandem Dump Trailor; 1-40' Tandem Flat Trailer; 3-35' Tandem Axel Flat Trailers; 1960 Chevy Truck with 1600 gal. Tank; 1925 Chevy Cab & Chassis; 6000 gal. Tandem-axle Tank Trailer; (Short Sale - No Small Items)

I.D. Required for Bidder's No.
Not Responsible for Accidents

Owner, **WILLIAM BELACK,**
R.D. 1, Lykens, PA
Sale by: Kling's Auction Service
Landisburg, PA
Lic. #500

FREDERICK A. PERRY

ESTATE AUCTION

SAT., DECEMBER 21, 1985

11:00 A.M.

KNOXVILLE, PENNSYLVANIA

Sale at the farm on Rte. 49, 4 miles east of Westfield, 2 miles west of Knoxville. To settle the estate, selling the following:

Wood-Mizer portable lumber mill (model LT-30) with Koehler 14 h.p. engine and sharpening attachments. Unit is in new condition!

1967 J.D. 350 diesel dozer with 6-way 6 foot blade and winch; M.F. 165 (low profile) diesel tractor with M.F. all hydraulic loader, 1377 hrs.; Oliver 77 standard diesel tractor, wide front; EZ Dump 8 ft. pick-up dump box; J.D. RWA transport disk; Ford 4-14 3 pt. plow; 12 ft. lever set harrow; Killbros gravity box on heavy gear; N.H. 36 ft. bale-grain elevator; Oliver #5 picker (1-row); Hydraulic dump wagon; Case 7 ft. 3 pt. mower; Homebuilt 21 ft. pick-up sprayer with two 3 h.p. gas engines and pumps with 350 gal. poly tank; New 500 gal. steel liquid fert. tank; 500 gal. fiberglass spray tank; 11 ft. steel deck 2-wheel (licensed) trailer; J.D. 56 riding mower; Agway 4 h.p. rototiller; Merry Tiller rototiller; Sea Nymph 14 ft. alum. boat with elect. motor; Cement mixer; Craftsman 10 in. bench saw; Craftsman jointer; Craftsman 12 in. band saw; Duracraft 3/4 in. floor model drill press; Wards router and table; Combination disc. and belt sander; 4 in. belt sander; Century 295 amp. welder.

A good desireable line. Arrive on time, this will be a short auction!

Terms: Cash or good check sale day. I.D. required!

Owned by
THE FREDERICK A. PERRY ESTATE

Auction conducted by
PIRRUNG AUCTIONEERS, INC.
Wayland, New York
716-728-2520
Ulysses, Penna.
814-848-7421
(Pa. License 1646 and 1672)

Lunch Available!

PUBLIC AUCTION

New Holland Sales Stables, Inc.
New Holland, Pa.

Tractors & Horse Drawn Farm Equipment-Supplies-Small Items

FRIDAY, JANUARY 3, 1986

SALE OF SMALL ITEMS 9:00 A.M. **FARM EQUIPMENT 10:00 A.M.**

New customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

A list of your sale items must be in our office by Monday, December 23 to be included in our complete listing in the December 28th issue.

Abe Diffenbach, Manager
For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341

Public Auction Register

FARMERSVILLE AUCTION

TUESDAY, DECEMBER 17

4:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

Selling for Ada Kreider Heisler, Harrisburg plus additions.

Some oak furniture, antique dishes; etc.

See Lancaster Newspaper Dec. 14 for full listing.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
(717) 354-5095

Auctioneer: Lester Weaver
AU-982-L

Consignments being accepted for our New Year's Day Antique Sale.

PUBLIC SALE

OF 83 ACRE FARM & EQUIPMENT

SAT., FEB. 1, 1986

10:00 A.M.

Location: In Cumberland County, 10 miles east of Shippensburg, Pa., 2 miles south of Centerville on Pine Rd. From I-81 Newville Exit 11, take Route 233 south to second crossroads, turn right to second farm on left at Beetem Rd. (Watch for signs).

Real estate to be offered at 1:00 p.m. consists of a farm of 83 Acres (more or less) in 2 tracts. All tillable. Tract #1 consists of 64.4 acres with a 2 story house. 5 rooms & bath upstairs. down stairs has 4 rooms & bath, hot water baseboard heat (zoned). Modern kitchen. Closed-in porch & attached garage. All metal roofs. Good well. Bank barn & good adequate out-buildings including a shed & attached 6 stall horse barn. All are in good repair. Tract #2 consists of 18½ acres (more or less). All level land and good productive Murril Lome Soil. Approximately 5500 feet of road frontage. Terms 10% down, balance on or before April 1, 1986. Detailed terms & conditions will be read at time of Sale. Inspection of house by appointment only by calling (717) 486-5457. Listing of equipment will appear Jan. 25.

ROBERT L. SPAHR (Owner)

Art. Rife, Auct. #AU-768-L
Ph-776-3645
John Fowler III, Attorney

PUBLIC SALE

FARM EQUIPMENT

SATURDAY, DEC. 21, 1985

AT 10:30 A.M.

Located one mile South of York Springs on Old Rt. 15, midway between Mary Jane Roller Skating Rink and Ditzler's Furniture; the following will be offered:

Massey Ferguson 65 Diesel tractor w/3 pt. hook up, w/loader & 5' bucket; Massey Ferguson 35 gas tractor w/3 pt. hook up; Massey Ferguson 175 Diesel tractor w/3 pt. hook up, loader & 6' bucket; John Deere 140 garden tractor, variable speed; John Deere 316 garden tractor w/variable speed & w/52" snow blade & 48" mower deck; 2 Winn tractor power-take off alternators; Rino 6' tractor scraper blade w/3 pt. hook up; Model 6020 Myers-PTO trailer-type sprayer.

Inspection of equipment on day of sale. Equipment sold "as is" condition. Not responsible for accidents.

TERMS: cash or letter of credit verification from your financial institution.

RICHARD G. HESS
6988 Old Harrisburg Rd.
York Springs, PA 17320
Phone (717) 528-8449

Larry J. Peters, Auctioneer
AU-709-L
247 Clear Spring Rd.
Biglerville, PA 17307
Phone (717) 677-8086

SAT. DEC. 21 - Farm Eq., Hshld. Located along Red School Rd., approx. ½ mi. S. of Rt. 23, Caernarvon Twp., Lanc. Co., PA. Terms by: Mark & Alice Yoder. Alvin Horning, Auct.

SAT. DEC. 21 - 2PM Real Estate & Lumber Located 3 mls. S. of Honey Brook along Beaver Dam Rd. Take Rt. 10 S. to Beaver Dam Rd., turn left 1 mi. to property. Terms by Emmanuel & Rebecca K. Esh. Horning Farm Agency, Inc. Alvin Horning, Auct.

SAT. DEC. 21 - 10:30AM Farm Eq. Located 1 mi. S. of York Springs on Old Rt. 15, midway between Mary Jane Roller Skating Rink & Ditzler's Furniture. Richard G. Hess, Owner. Larry J. Peters, Auct.

THURS. DEC. 26 - 12 Noon Holiday Sale. Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auct.

PUBLIC AUCTION

Valuable Commercial Real Estate

1.25 Acre Tract & Building,
7200 Sq. Ft.
New Holland, PA

9½% Owner Financing

SATURDAY DECEMBER 21

2 P.M.

LOCATION: Along Rt. 23 East of New Holland adjacent to Earland Industrial Park. ½ mile West of Rt. 23 and Rt. 322 intersection.

60' × 120' attractive brick and masonary building with macadam parking area. Completely adaptable to varied Commercial purposes all on 1.25 acre lot. PROPERTY MUST BE SOLD! Financing Available to prequalified Buyers. Call Auctioneers for complete pictured brochure, terms, etc. 717-733-1006.

OPEN HOUSE: Saturday, December 7 & 14 from 1 to 3 pm or by appointment.

Terms By:
PAUL H. KURTZ, INC.
717-626-5691

Auction Conducted By:
Randal V. Kline, Lloyd Kreider
Roy Good, Jr., Auctioneers
717-733-1006
Lic. #000499-L

KLINE & KREIDER AUCTIONEERS
345 W Mt Airy Rd, Stevens, PA

ABSOLUTE AUCTION

220 ACRES PERRY COUNTY WOODLAND

RACOON MOUNTAIN RETREAT ACREAGE

SATURDAY, DEC. 28, 1985

AT 1:00 P.M.

Take Route 22/322 West to Millerstown Exit. Follow signs to Route 17 South. Go approx. 8 miles south on Rt. 17 to Dever Hollow Road. Turn left to property .2 mile on left. Auction signs are posted on road frontage side.

* 2,900 Ft. Road Frontage on Dever Hollow Road
* Excellent Hunting Recreational Area
* Standing Timber Sold with Ground
* Subdivision Possibilities-Low Taxes
* Owner Financing Available to Qualified Buyer, 5 Year 50 Percent @ 9% Fixed Rate.

TERMS: Absolute, sold to the highest bidder without any reserve. Deposit of $10,000.00 at time or Auction in Cash, Certified or Cashier. Check made payable to Kerry Pae Auctioneer. Balance due in 30 days at settlement. For information contact Auction Co. 717-236-3752.

Ordered Sold By
RACOON MOUNTAIN, INC.

KERRY PAE AUCTIONEERS
4613 NORTH FRONT STREET
HARRISBURG, PA 17110
(717) 236 3752

AU 1367

FRI. DEC. 27 - 1:30PM State Graded Pig Sale at Westminister Livestock Auction, Westminister, MD.

SAT. DEC. 28 - 10AM Farm Eq. Located along Covered Bridge Rd., Oley Twp., Berks Co. Terms by: Dan & Mildred Mast. Horning Farm Agency, Inc.

SAT. DEC. 28 - 11AM Trucks, Tractors, Planters, Implements. Located Robert Williams Farm, Pemberton Drive, Salisbury, MD. Robert Williams, A. Franklin Holloway, B. Frank Adkins, Raymond Holloway, Owners. Pete Richardson Auction Sales.

SAT. DEC. 28 - 1PM 220 Acre Perry Co. Woodland. Take Rt. 22/322 W. to Millerstown Exit. Follow signs to Rt. 17 S. Go approx. 8 mls. S. on Rt. 17 to Dever Hollow Rd. Turn left to property .2 mls. on left. Ordered by: Racoon Mountain, Inc. Kerry Pae Auctioneers.

TUES. DEC. 31 - 7:30PM Holiday Sale. Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auct.

JANUARY

WED. JAN. 1 - 1:30PM Farm Toy Consignment Auction, old and new. Located Paradise, PA, at the firehall. Robert E. & Jeffrey R. Martin, Aucts. 717-768-3554 or 768-8714.

WED. JAN. 1 - Farm Eq. & Tools. Located RD1, New Holland, PA. E. of Hinkletown off of 322. David L. & Enda Z. Weiler, Owners. Paul E. Martin & John D. Stauffer, Aucts.

NOTICE OF PUBLIC SALE

TO ALL CONCERNED:

Take notice that the following chattel will be sold at public auction to the highest bidder on

DECEMBER 20, 1985
at 10:00 A.M.

at the place of business of Stan's Inc. located in Cabot, Pa.

1 JD 60 Skid Steer Loader — Serial #120067M — 35" bucket, 36" pallet forks.

John Deere Company, Inc. reserves the right to bid at the public auction sale. Equipment is to be sold in As-Is condition.

DATED: December 6, 1985

JOHN DEERE COMPANY, INC.
P.O. Box 4949
Syracuse, New York 13221

PUBLIC SALE

OF REAL ESTATE

10.5 A. dairy farm, option to buy or rent adjoining 80 acres.

SATURDAY, DEC. 21, 1985

AT 1:00 P.M.

Location: Juniata Co., Pa. Along Rt. 75 between Penulack and East Waterford.

2½ Story Double Dwelling

with 18 rooms, most measuring 17'x19'.

1st floor: 2 kitchens- one kitchen and dining room combined, full bath, 2 open stairways, 2 living rooms, storage room.

2nd floor: 8 large bedrooms, full bath.

4 fireplaces, 2 separate basements, 2 wood stoves, full attic, good well.

Dairy Barn

L-shaped bank barn, 60x40 and 50x50, with 4 bays.

25 tie stalls, 77 free stalls, milkhouse with 625 gal. Sunset bulk tank, loafing area.

20x30 pole shed for heifers, corn crib. Large stream bordering property.

TERMS: 10% down day of sale. Final settlement on or before March 1, 1986. Financing available to qualified buyer.

Not Responsible for Accidents

Terms by
PHARES & ANNA ZEISET
Ph. 717-354-7180

AUCTIONEERS:
Lamar Sensenig 532-9160
Melvin Sensenig 776-5054
Lic. # AU-001803-L

WED. JAN. 1 - 10AM 5 Acres Real Estate & Arcade Eq., Hshld, Truck, Toy Trains. Located Along Rt. 322, Hinkletown (Approx. 3 mls. E. of Ephrata) Earl Twp., Lanc. Co., PA. Eshelman's Service Center. Terms By: Horace S. & Mildred B. Eshelman. T. Glenn & Timothy G. Horst, Aucts.

FRI. JAN. 3 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

SAT. JAN. 4 - 9AM Real Estate, Antiques, Hshld., Auto, Animal Heads. Located: Strinestown, PA, Between York & Harrisburg, PA, E. of Exit 12, ¼ mi. Mrs. Grace Wertz. Blaine N. Rentzel, Auct.

FRI. JAN. 10 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

MON. JAN. 20 - 11AM Robert & Joanne Gruber-Real Estate 48 Acre Farm & Modern Farm Eq. Along Pecks Rd. off Rt. 441 E. of Middletown, Londenberry Twp., Dauphin Co., PA.

FRI. JAN. 24 - 10AM Horse Sale New Holland Sales Stables, Inc., New Holland, PA.

FEBRUARY

SAT. FEB. 1 - 10AM 83 Acre Farm & Equipment. Location: Cumberland Co., 10 mls. E. of Shippensburg, PA. 2 mls. S. of Centerville on Pine Rd. From I-81 Newville Exit 11, take Rt. 233 S. to second crossroads, turn right to second farm on left at Beetam Rd.

FRI. FEB. 7 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

Public Auction Register

SAT. FEB. 8 - Farm Eq. & Tools. Located along Rt. 897 between Kleinfeltersville & Schaefferstown, PA. Aaron H. / Stella B. Martin. Paul E. Martin & John D. Stauffer, Aucts.

TUES. FEB. 11 - 9:30AM Farm Mach., Mules, Hay & Straw, Hshld. Strasburg, RD1. Sale by Ruth Z. & Aaron S. Fisher, Jr. Alvin Miller & Elvin Siegrist, Aucts.

FRI. FEB. 14 - 10AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

GOOD'S AUCTION

111 N. Maple Ave. Leola, Pa.

Hay and Straw Sales Every Wed.

At 12:00 Noon

Business Hours: 7:30 to 5:30,
Closed Sat. & Sun.

AUCTION SALE

Trucks - Tractors - Planters
Implements

When you have four good farmers who are retiring or semi-retiring, and all of them have taken great care of their equipment, it is not just an auction its a

SUPER AUCTION

Robert Williams Farm, Pemberton Drive, Salisbury, Md.

SATURDAY, DECEMBER 28, 1985

Beginning at 11:00 A.M.

John Deere 6620 Turbo combine, 1980, 1000 hrs., Sn 406545, 23.1x26 tires, w/215 header w/tiger jaws, like new, you don't see them this clean very often. John Deere 443 corn header, 4 row 30". International 715 gas combine w/cab, w/4 row corn head and 13' bean head, John Deere 4040, cab, air AM/FM, 2005 hours, Quad range, dual remotes, 18.4x34 tires, extra nice, Sn005291R. John Deere 4230, 18.4x34 tires, Ropes cab, dual remotes, 3900 hours. John Deere 2940, 16.9x38 Firestone, dual remotes, Sn36794L-1980, 3200 hrs., excellent. John Deere 2840, only 1235 hrs., 18.4x34 tires, dual remotes, Sn 254977, ex. cond. John Deere 2640, 1900 hrs., 18.4x30 tires, good tractor. John Deere 3020, 3000 hrs., single remote, 16.9x34 tires, good tractor. John Deere 2440, 16.9x28 tires, power adjust wheels, only 962 hours, Sn 3182571, excellent condition. Massey Ferguson 135G, very good shape, low hours. Massey Ferguson 135G, 2700 hours, single remote, 13.6x28 tires, power adjust wheels, Sn9A-41173. John Deere 2030, only 2740 hours, totally rebuilt Spring 1985, new paint, excellent condition. 1974 International 1600, only 22,297 miles, 5x2 trans, w/16' metal body and grain rails, power steering, 9:00x20 tires, 345 engine, Md. inspected, excellent condition. Another 1974 International 1600 w/P.S., only 23,400 miles, 5x2 trans., w/16' metal body and grian rails, power steering, 9:00x20 tires, 345 engine, Md. inspected, excellent condition. 1971 International Loadstar 1700, Dump w/17' body w/metal rails, 4x2 trans., Md. inspected, ex. condition. 1979 Ford F-350 pickup, ¾ ton w/4 speed, 351 engine, 7.50x16 tires, P.S., & P.B., Md. inspected. 1978 Chevrolet C-30 pickup, AU, PS, PB, 89,000 miles, MD.inspected. CMC Rainmaster Model SS-64-100, Sn 206376, V-8 Ford industrial gas engine, CMC pump 7" intake outlet on cart, automatic primer, Eng. Sn 9539-A30KR, engine type C4PB-6006-E, Eng. Option FS0-311. This unit has not been used a lot and is in excellent condition. John Deere 6 row 7000, maxi-merge planter w/reg. no-till coulter, insecticide and monitor, like new. John Deere 6 row planter w/J.D. 71 units. John Deere 7000 maxi-merge 6 row narrow planter w/monitor & insecticide, Good. John Deere 1240 plate planter w/fertilizer and insecticide. John Deere 494A planter w/fertilizer and insecticide. John Deere 2 row planter w/fertilizer. John Deere 8300, 18 spout drill, single disc openers. John Deere Model B drill, 16 spout, small seed attachment. John Blue sprayer, 400 gal. stainless steel tank w/40' booms. John Blue sprayer, 400 gal. aluminum tank, single piston pump. Agro-tec 500 gal. sprayer. JD 111 40 blade disc, 7½" space. Pittsburg disc 44 blade 7½" space w/16' board. JD sprayer w/200 gal. Hardee tank. 2 JD 400 new style rotary hoes, 6 row. International pull type manure spreader w/top beater. JD 8 ton wagon w/16' body, very good. 2 JD 145, 5x16 plow, semi-mt. 4 wheel wagon, ex. cond. Taylor-Way stine cultivator 4 row. AC 6x30" cultivator S tine. JD 6 row 30" cult. S tine. Brillion S tine 6 row cultivator. Brillion 14' crowsfoot. M&W 18.4x34 duals. 15.5x38 duals. 10' packer. 2 row cultivator. Brillion 16' cultipacker w/carrier wheels. JD pull type 5x16 plows. JD pull type 4x16 plows. JD 4x16 semi mt. plows. JD 164 2x16 plows. JD 3x16 plows. JD 2x14 plows. MF 3x16 plows. Brillion 12' chisel plow w/buster bar. Ferguson 9' 2 bar chisel plow. JD 6 row 30" cultivator S tine w/rolling fenders. New Holland body. Homemade ground level wagon. Cole 1 row bean planter. 3 pt. hitch wood saw. 12' lime spreader. 100 gal. tank. Cucumber belt w/motor 14'6". 3 pt. hitch platform. 2 wheel grain wagon. 16' manure cultivator, no motor. PTO like new cement mixer. Hydraulic tilt cycle mower. Clark sprayer for parts. Vicon spreader w/stainless steel throat.

Special terms: Good check on day of sale. Qualified buyers may purchase items and defer payment until after 5 days after January hold check payments are made. To qualify contact the auctioneer prior to the sale date.

Directions: From points West of Salisbury, Md., take US Rt. 50 to edge of Salisbury, turn right at 7-11 store on Md. Rt. 349 (Quantico Rd.), go 1 block, turn left on Pemberton Drive, go 2 miles to sale, just past Nitsdale Development. Signs will be posted.

Inspection: December 26 and December 27 from 9:30 AM - 5 PM. Equipment will be moved to sale location after Decmeber 20th. For additional information contact the Auctioneer.

ROBERT WILLIAMS
A. FRANKLIN HOLLOWAY
B. FRANK ADKINS
RAYMOND HOLLOWAY
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Pete Richardson Auction Sales
P.O. Box 51, Willards, Md. 21874
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JOHNSON BROS.

AUCTION CO.

FARM & INDUSTRIAL EQUIP.

CONSIGNMENT AUCTION

45 mi. West of Columbus, O. on U.S. Rt. 36 just of East of Fletcher, O. AUCTIONS LAST WED. OF EVERY MONTH, except for on DEC. 27, 1985.

100-150 Tractors, 1500 pieces of new & used equipment. We accept consignments 5½ days a week.

For more information call Home Office; WVA. Johnson Farm Equip. 304-547-0740, 304-547-0737, or in Fletcher, Oh, 513-368-2246.

ANNUAL CHRISTMAS SALES

AT THE
GREEN DRAGON LIVESTOCK SALES
1 mile north of Ephrata on State St.

FRIDAY, DEC. 20, 1985

Beef Sale - 11 a.m.
Dairy Sale - 1:30 p.m.
250 to 300 Stocker & Feeders
1 Load of Upstate Cows & Heifers
Plus Local Consigners
Turkeys, Candy & Prizes
Will Be Given Away!!

Walter H. Risser, proprieter
717-733-2444
717-838-4318

PUBLIC AUCTION

OF FARM EQUIPMENT & HOUSEHOLD GOODS

SATURDAY, DEC. 21, 1985

@ 10:00 A.M.

Located along Red School Rd., approximately ½ mile south of Rt. 23, Caernarvon Township, Lancaster Co., Pa.

Ford 7000 Diesel, wide front end; Ford 901 Gas, row crop; Ford 3 bottom Plow, 3 pt. hitch; Ford 10' Disc harrow, wheel type; Ford 12' 3 pt. hitch Spring Tooth Harrow; Ford Cultivator; Ford #501 Mower, 7' bar; Ford 2 row Mounted Corn Picker #602; Ford 2 row Corn Planter; New Holland Forage Wagon #6; N.H. 717 Harvester w/1 row corn head; NH #23 Silage Blower; N.H. Tank Manure Spreader (very good cond.); N.H. 271 Baler with bale thrower; 7 Tooth Mohawk Chisel Plow, Category #; 3 pt. Hitch; 2 Gravity bin wagons; Hay wagon w/high sides; 24' Hay and Corn Elevator; 16'x4" Grain auger; Potato Plow; Oliver Disc Plow; 7', 3 pt. Scraper Blade; Pallet jack 42"x27" (very good cond.); 2 Wheel all steel trailer; Livestock equip.; Auto. cattle Catch Gate; Hog Catcher; Hog Ringer; Balling Gun; 3 Egg Collecting Carts; Lots of 5/16" Stainless Steel Cable; Platform Scales, 500 lbs. cap.; Sunoco 60 Gal. Oil Tank & Pump; Elec. Grass Seed Sower; Pony Cart & Harness, Saddle & Bridle; 25 KW Fidelity Alternator w/trailer PTO; Few tons of Hay; Straw; Used Lumber; Scrap iron; Forks; Shovels; Sledge; Some small tools and items sold off wagons; 125 YAMAHA MOTORCYCLE; **HOUSEHOLD GOODS:** Piano & bench; Waterfall bureau & chest of drawers; Metal Bed, Spring & Mattress; Metal Bookcase; Metal Wardrobe; Metal Cabinet; Wood table & 6 chairs (good cond.); Sofa; Kitchen cabinet; Crib & Mattress; Rocking Chair, Porch Swing; Porch Glider; Wood Boxes; Elec. Heater; Sleds; Wash Boiler; Glass Gallon Jugs; Books; Dishes; Numerous items not mentioned. Household items sold right after items on wagon.

TERMS BY:
MARK & ALICE YODER

Alvin Horning, Auctioneer
#AU000433-L
HORNING FARM AGENCY, INC.
Main St., Morgantown, Pa. 19543
215-286-5183

PUBLIC AUCTION

OF
FARM EQUIPMENT & TRUCKS

SATURDAY, DEC. 28, 1985

AT 10:00 A.M.

Located along Covered Bridge Rd., between Yellow House and Pleasantville, Oley Twp., Berks Co., Pa.

Trucks

'74 Brockway TractorConv. w/sleeper, tandem axle, wet line, 350 Cummins (good 22" rubber, 13 spd. R.R. Trans. & 4.11 Rear); Gilmore 28' Alum. Dump Trailer, 10-22" radials; 1968 Int. 1800 Twin Screw Gas w/16' Grain Dump, 5x3 spd. trans., 48,000 g.v.w.; 1963 Int. 1890 Gas w/16' Knapheid Grain Dump, 5 spd. w/2 spd. rear, 33,000 g.v.w.; 1968 Chev. 80 Series Gas w/16' Grain Dump, 5 spd. w/2 spd. rear, 33,000 g.v.w.; NOTE: All trucks have 10:20 tires and good metal bodies. 4 Truck Tarps; 1968 Chev. 80 Series 10' Dump Farm Truck, 10:20 tires, comp. wet line for truck tractor (pump tank hose & controls); 1982 GM Pickup Truck, 15 Sierra Classic, Air.; Wood extention cattle racks for 14' Midwest Truck Body. NOTE: NOTARY WILL BE PRESENT AT SALE.

Tractors

I.H. 1066 Diesel Cab & Heater T.A. Weights, 20.8-38 Tires, 2400 Hrs.; I.H. #806 Diesel WF. FH Weights T.A.; I.H. 656 Diesel Hydro W.F., 3 pt. w/2000 Loader; I.H. 504 Utility Gas w/Fast Reverse & 2000 Loader F.H. w/F.H. Scraper Blade; 1020 J.D. Hi-Utility, Diesel Hi, Low Shift & Diff. Lock, 3 Pt.

Equipment

I.H. 1460 AXIL Flow Combine Hydro 30.5x32 Tires, A.C. Auto. Header Control, #863 Corn Head w/6-30" Rows & #810 15' Grain Head w/Grain Loss Monitor (850 hrs.); I.H. #400 Cyclo Corn Planter w/monitor, 6 - 30" Rows w/rear fert. auger; I.H. #1250 PTO Grinder Mixer; I.H. 3 pt. 7' Mower #1300; I.H. #50 Flail Chopper; I.H. #55 Chisel Plow, 13 teeth; I.H. #700 Auto. Reset 5 - 16 Bot.; M.F. 3 pt. Plow 2 - 14" Bott.; N.H. #280 Baler w/bale thrower; N.H. #461 Haybine; N.H. #56 hayrake; 3 - N.H. 16' Wagons w/Bale Thrower Sides; 3 - N.H. 16' Flat Wagons (one w/grain sides); N.H. 36' Bale Elevator w/corn chutes; Myers Snow Plow for Tractor; John Blue 300 Gal. Sprayer stainless Steel Tank & Boom; Vicon 3 pt. 5 Wheel Rake; J.D. Disc BWF 13'6" Transport; J.D. Roller Harrow F950-12'; N.I. #214 PTO 3 Beater Spreader; 1 Row Fert. Attach. for 130 or Super A Farmall; I.H. 12½ KW 2 pt. PTO Generator; Elec. Motors - 10HP & 7½ HP 3 Phase and 7½ HP, 5HP, 3HP, & 2HP Single Phase; Willmar 5 Ton Tandem Fert. Spreader, Stainless Hopper; 52' Mayrath Elec. Motor, 8" Transport Auger; 34' Mayrath Elec. Motor, Auger, 6" Transport; 20' Mayrath 8" Auger; 50' Mayrath 8" Auger; 3 Pt. Round Bale Carrier; 3 - 1500 Fert. Tanks (snyder); SNOWMOBILES - Articat panther, like new; Skido; EZ Snowmobile Trailer. Rupp Model 80 Motorcycle; Model 919 MOTOMCO Grain Moisture Tester; Grain Probes; Seedburo Gram Scale; 10'x 10' Frame Office Building; 3 - 12'x 12' Frame Storage Sheds; 10 Smidley Hog Self-feeders, 1 - 16 hole, 7 - 12 hole, 2 - 8 hole; 5 Pride of Farm (double) Elec. heated Hog Water Bowls; Portable Cattle Loading Chute; 800 Gal. Water Tank on 2 Wheel Trailer; 24' Metal Calf Panel, Gates, Runway Mats; New & Used Lumber, Roofing & Spouting; 2 Overhead Garage Doors - 16' wide x 14' high and 14' wide x 12' high; 2 - Oil Fired Hot Air Heaters; 2 - 1000 Gal. Gas Tanks w/elec. pump; 2 - 300 Gal. Gas Tanks w/elec. pump; 3 - 275 Gal. Fuel Tanks; Truck Tires & Rims, 22" & 20"; Log Chains; Truck Chains; Tractor Chains; Rope & Pulleys; 300 pcs. Redwood Picket Fence Pails; Old House Shutters; 2 Old Hand Water Pumps; 5 Grain Cradles; 3 - 2 Horse Plows; New Hay Hooks; Montgomery Pulltype 6' Gang Mower; I.H. 149 CUB CADET LAWN TRACTOR, Hydrostatic w/50" Rotary Mower; 3 HP & 1½ HP Air Compressors; 180 Amp Lincoln Welder; Floor Model Drill Press; Acetylene Welder; Pipe Cutter & Threader; Work Bench & Vise; All Kinds of New & Used Parts; Air Tools; All Kinds of Wrenches, Socket Sets, Hand Tools, and Power Tools; Truck Changing Equipment; Anvil; 2 Remington Chain Saws; Wood Extension Ladders; MANY MISCELLANEOUS ITEMS NOT MENTIONED.

ORDER OF SALE: Small Items & Tools, Farm Equipment, Tractors, Trucks.

Terms By:
DAN & MILDRED MAST
(215-689-5623)

Alvin Horning, Auctioneer
#AU-000433-L
HORNING FARM AGENCY, INC.
Main St., Morgantown, Pa. 19543
215-286-5183

LUNCH AVAILABLE

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

FRI. FEB. 14 - Complete Dispersal of Mostly JD Farm Mach. Located 4 mis. W. of Wakefield, Drumore, Twp. Robert McCauley, Owner. J. Everette Kreider, Auct.

SAT. FEB. 15 - 9:30AM Special Horse Sale. Belleville Livestock Mkt., Inc., Belleville, PA.

THURS. FEB. 20 - 10AM Farm Eq. Located between Saudersburg & Paradise at 2971 Lincoln Hwy. East, 6 mis. E. of Lancaster, Lanc. Co., PA. Terms by: Tom Wheary & Sons. Robert E. & Jeffrey R. Martin, Aucts.

THURS. FEB. 20 - 9:30AM Cattle sold at 12:30. 70 Head Reg. Holsteins, Farm Mach. Narvon, Lanc. Co., PA. Emanuel Fisher, Owner. Steve & Steve, Jr., Petersheim, Aucts.

FRI. FEB. 21 - Mostly Case Farm Mach. Located 3 mis. E. of Wakefield, Little Brittian Twp. James Ross, Owner. J. Everette Kreider, Auct.

FRI. FEB. 21 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

TUES. FEB. 25 - 9:30AM Edwin Horning & Sons Farm Mach. Located: Along Meadow Valley Rd., 1½ mis. W. of Ephrata, Lanc. Co., PA. Horst & Rentzel, Aucts.

THURS. FEB. 27 - 9:30AM Dispersal of High Grade Holsteins, Farm Mach. Whitehorse, Lanc. Co., PA. Elam A. & Dora Riehl, Owners. Steve & Steve, Jr., Petersheim, Aucts.

THURS. & FRI. FEB. 27 & 28 - 9AM Antique Tractors, Engines, New, Used and Abused Farm Mach. Located 10 mis. E. of Lancaster; 2½ mis. W. of New Holland, turn off of Rt. 23 on South Groffdale Rd., turn left on Musser School Rd., Lanc. Co., PA. Terms by: Elias S. Beiler. Robert E. & Jeffrey Martin, 656-7770. Blaine Rentzel & Freddy Goodrich, Aucts.

FRI. FEB. 28 - Mostly AC Farm Mach. Located 3 mis. N. of Wakefield, East Drumore Twp. Joe Overly, Owner. J. Everette Kreider, Auct.

MARCH

SAT. MAR. 1 - 9AM 22 Annual Bart Fire Co. Sale, Bart, PA.

MON. MAR. 3 - Farm Eq. & Tools. Located RD4, Lititz, PA, 3 mis. W. of Ephrata off of 322. Dennis E. & Deena L. Hess, Owners. Paul E. Martin & John D. Stauffer, Aucts.

THURS. MAR. 6 - Farm Eq. & Related Items. Located 244 Burnt House Rd., Carlisle, PA. Ralph Goodling, Owner. Foreman, Auct.

FRI. MAR. 7 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

FRI. MAR. 7 - 9AM Spring Machinery Sale. Located Belleville Lvstk. Mkt., selling all kinds of machinery on consignment. Belleville Livestock Mkt., Inc.

SAT. MAR. 8 - 9AM Potato Eq., Farm Eq. & Tractors. Clair Flinchbaugh, Owner. Blaine Rentzel, Auct.

WED. MAR. 12 - All Kinds of Tractors & Farm Eq. Keener Eq., Inc., 1531 Manheim Pk., Lancaster, PA. C.H. Wolgemuth & B. Rentzel, Aucts.

FRI. MAR. 14 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA.

SAT. MAR. 15 - Farm Eq. & Related Items. Located RD1, Boiling Springs, PA. Estate of Willis (Ike) Sughart. Foreman, Auct.

FRI. MAR. 21 - 7PM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA.

SAT. MAR. 22 - Lancaster Farm Toy Auction, Show & Sale: 9AM to 3PM. Auction Starts at 5PM. Located Lancaster Treadway Inn, Rt. 30 & Oregon Pk. (Rt. 272), Lancaster, PA. Wally Hooker, Auct.

MON. MAR. 24 - Farm Eq. & 3 Tractors. Ronald M. Carper, R1, Manheim, PA. Along Landisville Rd., just W. of Rt. 72 in E. Petersburg on Graystone Rd. to Landisvally, PA. Wolgemuth Auction Service.

SAT. MAR. 29 - Full line of Farm Mach. Pine Grove, Schuylkill Co., PA. Paul Martin, Owner. Steve & Steve, Jr., Petersheim, Aucts.

APRIL

SAT. APR. 12 - 9AM C.H. Wolgemuth & Sons Annual All Day Consignment Sale. Four mis. W. of Manheim, along Valley Rd., 10 minutes from Rt. 283 at Manheim/Mt. Joy Exit. Lanc. Co., PA.

WED. APR. 23 - All Kinds of Tractors & Farm Eq. Keener Eq., Inc., 1531 Manheim Pk., Lancaster, PA. C.H. Wolgemuth & B. Rentzel, Aucts.

MAY

MON. MAY 26 - Antique Tractors & Farm Eq. Keener Eq., Inc., 1531 Manheim Pk., Lancaster, PA. C.H. Wolgemuth & B. Rentzel, Aucts.

H & H Auction

Every Thursday Night,
6:00 P.M.

Located on Strasburg Rd., Coatesville, ½ mi. East of Stottsville Hotel and 1 mile West of Rt. 82.

Household Goods & Appliances sold at every auction.

Consignments accepted.
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Visit our used furniture and appliance store, 50 pieces of appliances at all times.

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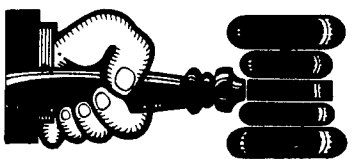

AUCTIONEER'S DIRECTORY

SPECIAL CONSIGNMENT HORSE SALE

SATURDAY, DEC. 28, 1985

Horses 11:00 A.M. Sharp
Tack To Be Sold At 8:30 A.M.

Keister's Middleburg Auction Sales, Inc. Rt. 522 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.
Loads of Draft Horses.
Loads of Sharp Standardbred Driving Horses.

For information call: 717-922-1490 or 717-837-2222 or 717-523-0360

Keister's Middleburg Auction Sales, Inc.
Rt. 522 R.D. 3 Middleburg, PA

Owners,
DON & WALT KEISTER

Ray Long & Dave Imes, Auction
Terms: Cash Trucking Available Restaurant Open

CHESTER M. PEACHEY

HERD DISPERSAL

AT THE BELLEVILLE LIVESTOCK MARKET, BELLEVILLE, PA.

WEDNESDAY, DECEMBER 18,

AT 1:00 P.M.

75 head home raised grade Holsteins, 35 milk cows, several just fresh and springing, others in all stages. 12 bred heifers, 18 open yearlings and 10 started heifer calves.

****

Belleville Livestock Market wishes all their patrons and friends a HAPPY HOLIDAY. We will not have sale Christmas week, but will see you at our regular Wednesday sale on New Years Day.

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

WOLGEMUTH AUCTIONEERS
R D #2 Manheim Pa

COMPLETE AUCTION SERVICE

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KENTHOLM REGISTERED AND GRADE HOLSTEIN DISPERSAL AND INVITATIONAL

MILKING HERD, BRED HEIFERS, AND STARTED CALVES

THURSDAY, DECEMBER 19, 1985

at 11:00 AM, Byron, NY.

Located ½ mile north of Rt. 33, 7 mi. east of Batavia, 3 mi. south of Byron on Ivison Road. Use Thruway Exit 47 or 48.

100 HEAD SELL

Nov. DHIR Average: 19,283 3.6 685. 29 First or second calf heifers. July 1985 classifications: 2 EX, 30 VG, 21 GP, and 4 G. Featuring a daughter of Inglis Triune Decca (3E-91 EX-MS with lifetime of 155,030 4.2% 6,505) this Valiant daughter is "GP-82" and has 3-4 365 23,724 3.5 828 and has CI +862 +43f +$127, and her bred heifer by Sexation. ALSO Kentholm Mark A Doris VG-88 with 6-0 306 29,561 3.8 1,121 inc. sells with her GP-82 Columbus daughter with 2-2 283 13,716 3.9 537. ALSO selling is Erinwood Pat Pride EX with 4-6 231 24,092 667 inc. ALSO a VG-88 Frosty sells with CI +660 at 4-8. She has 2-6 365 19,430 3.5 685 and 3-11 275 21,602 3.7 789; dam is EX-2E with over 1100f and is a class leader in PA. 2nd dam is 2E-GMD with over 131,000 lifetime. A Bell daughter sells with CI +858 +38 $119; her record at 3-1 is 244 19,694 3.5 684 inc. and proj to over 25,000; dam by Apostle has 22,860 3.7 850. A Tradition heifer with a $90 sells. She has 3-4 298 18,242 3.4 620. Dam by Sterk Ivy Telstar has over 1000f next dam has 966f.

Also featuring daughters of Valiant, Tradition, Pete, Bell, Chairman, Tempo, Elevation, Elevation Frosty, Bootmaker, Astronaut, Apache, Willow, Conductor, Creek, Cavalier, Peachum, and Glen Valley Star. Tested for interstate shipment and will have shipping fever shots.

Open House Evening Before The Sale At 8 P.M.

OWNER
WILLIAM KENT AND FAMILY

WILLIAM KENT, INC.
SALE MANAGER AND AUCTIONEERS
STAFFORD, NY Ph. 716-343-5449
AU-000480-L or 548-7738

250-350 HEAD SPECIAL HORSE SALE WORK HORSES-MULES & DRIVING HORSES

FRIDAY JANUARY 10, 1986

Tack 9:00 A.M.
Sale 10:00 A.M.

AT NEW HOLLAND SALES STABLES, INC.

12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

- 2 Load Work Horses and Mules consigned by Ward Wright.
- 1 Load Work Horses and Mules consigned by Norman Kolb.
- 1 Load Work Horses consigned by Tom Collins.
- 1 Load Work Horses consigned by Jim Howard.
- 1 Load Work Horses and Driving Horses consigned by Bub Leonard.
- 1 Load Driving Horses consigned by Clayton Waterbury.
- 1 Load Driving Horses consigned by Jonas Beiler.
- 1 Load Driving Horses consigned by Reuben G. Stoltzfus.
- 1 Load Driving Horses consigned by Elam B. Stoltzfus.

Plus many more consignments by sale time.

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538
Next Horse Sale Fri. Jan. 24

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Evenings/Lititz
717-627-8008

CHRISTMAS HOLIDAY SALE
HAPPI HOLLOW FARM

Complete Milking Herd Bred Heifer Dispersal From Harold and Flora Bodder, Perkaise, PA., Bucks Co.

To be held at Smoketown Quality Dairy Sales Co. Smoketown, PA. Rte. 340.

Innoculated For Shipping Fever

HOLSTEIN BREEDER FOR 45 YEARS

FRIDAY, DECEMBER 20, 1985 12:00 NOON

Time Change Day Sale

Time Change Day Sale

REGISTERED & GRADES — FALL HERD OF COWS

Rolling Herd Average-18,323m 621F
68 7 Cows Avg 58 4 lbs m 591 Protein
Mr Bodder received ribbon for high protein for 1984
Somatic Cell Count 200,000 to 300,000
All bred by Sire Power, Standard - Saul - Spirit - Chairman - Wiseman Stewart, and others

Avg Age - 2 yrs to 5 yrs Calving intervals 12 5 mo
Herd 5th highest on D H I A for 1984 19,008M 657I
Herd Average for JAN 1985-19,311m 687F
FEB 1985-19,174m 693F 648 prot

The Following Animals Are Out Of Over Stocked Barns And Herd Dispersals
Two Bred Registered Heifers-Due This Month

Reg.-Sire-Green Banks OAK Star Twin-Born 12-4-83.
Bred to Breeze View Royal Stewart.
DAM-Whittiers-Farms Apollo Rocket.
Owners Sample 3 yr. 267d. 16,697m. 3.7% 618F.
4 yr. 298d. 14,304m. 3.9% 557F.

Reg.-Sire-Sinking Springs Rocket Mandate-Born 12-22-83.
Bred to Marlu Basic.
Owners Sample DAM-Round OAK-Elevation.
4 yr. 305d. 14,429m. 4.3% 625F.
7 yr. 305d. 16,308m. 4.5% 731F.

5-Reg. Holstein Heifer's

Reg.-Sire-Born 10-9-83-Tiger Lily Tobby Rocket.
Due 1-9-86 to Breezy View Job Royal Stewart.
DAM-Ocean View Sexation Est. 2 yr. 12,145.
Grand DAM-2 yr. 2m. 305d. 17,082m. 3.4% 579F.
-6 yr. 11m. 305d. 22,307m.

Reg.-Sire-Singing Brooks Starmate-Born 5-20-83.
Due 12-23 to Shardale Arlinda Chief Jemini.
2nd DAM-Bootmaker 84 pt.
5-5 301d. 19,593m. 3.6% 699F.
6-5 305d. 22,787m. 760F.

Reg.-Sire-Gemini-Born 7-18-83.
Due 12-24 to Ivan JAN Lone Ranger.
Gr. DAM-Ivanhoe Apollo Rocket 85 pts.
8 yr. 9m. 305d. 18,419m. 3.9% 725F.

Reg.-Sire-Pen Gate Champion.
Due 12-29 to Ivan JAN Lone Ranger.
DAM-Jemini-85 pts.
2 yr. 8m. 305d 16,565m 3.7% 612F.
3 yr. 8m. 308d 18,878m 3.8% 709F.
DAM of Sire
4 yr. 305d. 22,630m 3.4% 799F.
5 yr. 8m 305d 22,650m. 3 7% 839F.
Heifer out of him-fresh milking 65 lbs.

Fancy Reg.-Born-10-9-83. Sire-Lime Hollow Elevation Mars
Due to Gil-Tex Milkmaster Son.
DAM-G.P. 80-2 yr.
2 yr. 14,557m. 3.7% 536F.
Gr. Dam-EX 91 5 yr. 19,973m. 4.0% 806F.

Reg.-Born-7-14-83 Robthom Tenor-(Chief Son) VACC
Daugh. Avg. 17,194m. 3.66% +8PDF +04PDT +357TDI.
Due 12-13-85 to Singing Brook Starmate.
Daughs. Avg. 17,279m. 3.92% +39PDF +108PDT +434TPI.

Reg.-Born-11-7-83-VACC-Whittier-Murch Rocket Special
Daughs. Avg. 16,300m. 3.60% TPI+200
Due 12-18-85 to Singing Brook Starmate
Daughs. Avg. 17,279m. 3.92% +39PDF +1.08PDT +434TPI.

Reg.-Born-11-30-83-VACC-Ocean-View Knight PAT-Twin Daughs. Avg. 16,879m. 3.58% PDM +384 TPI +276.
Due 12-31-85-Blair-Br Carmel Pepper-ET.
Daughs. Avg. 18,637m. 3.53% +1466 PDM TPI +523.

Reg.-Born-10-7-83-VACC-El-A-Ray Valiant Defiance-ET out of S-W-D Valiant-A Top Heifer.
Due to Crooked Acres Cavalier Andy-He is out of a herd with 19,131 herd avg.

Reg. Born 12/27/85, vacc.
Sire-Dumbelle Burk King
3 yrs. 11mos. 300 dys 19,319M 3.5T 671F.
Dam-Milian Jetstream Ina EX 90
5 yrs. 8 mos. 305 dys. 23,450M 3.6T 761F.
Due to Verifine Electra Magnum.

Reg. Holstein Heifer Born 10/11/83.
Sire-Dorloy Monitor Dino.
Bred 4/1/85 to Arlinda Cinnamon.
Dam- Rosemere Fury Ivan- 6 yrs. 305 dys. 23,557M 3.8T 905F.
7 yrs. 365 dys. 26,109M 3.7T 960F.
GrDam's Sire- Milk and Honey Ivanhoe Daughter.

Grade Cow-Born 1979-Sire Topper.
5 yr. 17,721m. 3.4% 573F.
Due 12-28-85 to Singing Brook Starmate.

Grade Heifer-Born 7-21-83-Sire Titan.
DAM 16,871m. 3.7% 571F. Due 12-20-85.
Grade Fresh 2 yr. old Jersey Heifer.

Reg. Holstein Bull, born 6/26/83 Cal-Clark Board Chairman.
Dam's Sire- Whirlhill Kingpin G.M.D. VG 86 Pts. as a 7 yr. old, VG 88 pts. as a 9 yr. old, EX 90 as a 13 yr. old. Index -+121M+17F. Dam had 4 records over 1100 fat with a 4.3T. A proven bull ready for service.
Lifetime- 3285 dys. 233,790M 8905F. GrDam- GP 82 as a 3 yr. old, VG 85 as a 4 yr. old, 8 yrs. 3 mos. 359 dys. 23,430M, 4.6T, 1,081F.

Reg. Holstein Bull-Born 12-26-84-Sire-Five Brook Star Five won Ribbon-3rd in his class in 4-H Show.
DAM-Elevation Pete-85 pts. 3 yr.
2 yr. 2m. 305d. 14,408m. 4.2% 605F.
3 yr. 5m. 305d. 20,963m. 4.0% 849F.
2nd DAM-Kit Builder-88 pts. over 20,000m. 4.0t.
3rd DAM-Bootmaker 85 pts. from over 19,000 & 22,000m.
4.1% 856F.

Reg. Holstein Bull-Born 7-15-84-Ready for Service
Sire-Dreamstreet Prophet-out of Bootmaker.
DAM-Creekbluff Elevation Lester
2 yr. 1m. 305d. 19,598m. 3.8% 739F.
365d. 22,408m. 3.8% 585F.

Some Records Of Heifers And Cows Selling Nov. 1st. Test.

3 yr old	Fr	16 days			85 lbs m 3 8%				4 3	Fr	54 days	milking	120 lbs	proj 25 206m 476F
2 yr 11m		205d	13 531m	milking	53 lbs	proj 17 772m	621F		5 4	Fr	61 days	milking	100 3 lbs	proj 21 548m 687F
2 yr		275d	18 949m		54 lbs	proj 15 856m	503F		2 9	Fr	47 days	milking	90 lbs	proj 19 753m 518F
2 1	Fr	30 days			59 lbs				6 yr	Fr	128 days	milking	87 5 lbs	proj 21 596m
2 5		196 days	12 562m	milking	61 lbs	proj 18 144m	548F		4 yr	Fr	42 days	milking	87 lbs	proj 19 267m 771F
2 10	Fr	60 days			71 lbs	proj 16 795m	564F		2 yr	Fr	55 days	milking	75 lbs	proj 17 757m
6 8		142 days	12 213m	milking	82 lbs	proj 22 027m	518F		2 yr milking				79 lbs 3 6%	
3 11	Fr	62 days		milking	86 5 lbs	proj 19 877m	633F							

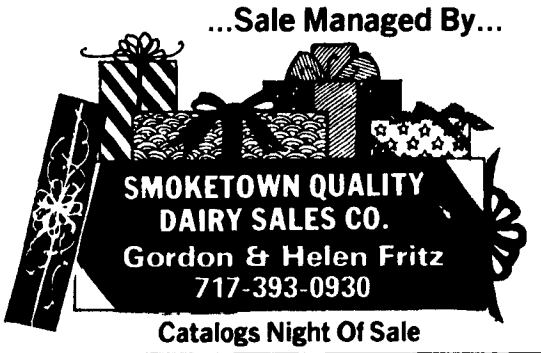
49 Fresh From Sept. To Dec.; 10 Due Dec.-Jan.; 2 Due Feb ;
1 Due Mar.; 2 Due Apr.; 4 Due May

MILK--MILK--MILK
GOOD UDDERED HERD OF COWS

Plan to spend a few hours at Cowtown in Smoketown Friday Dec 20-12 00 noon
Cash Or Check Day Of Sale

A Turkey For Some Lucky Buyers

...Sale Managed By...



Catalogs Night Of Sale

MELVIN KOLB, INC.

SPECIAL MARYLAND CHRISTMAS SALE

200-QUALITY HOLSTEINS-200

DAY SALE STARTS 11:00 A.M.

★ ★ ★ Thursday, December 19th, 1985 ★ ★ ★

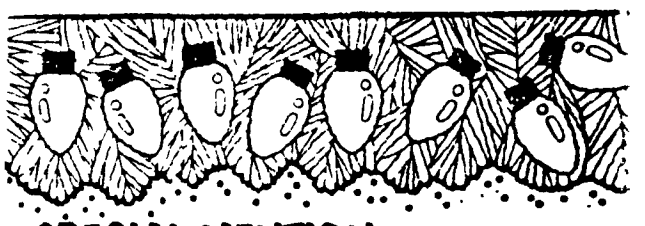
THE MD CHRISTMAS SALE

LOCATION: At my Maryland Farm, located ½ mile northwest of WOODSBORO, Route 550, in Frederick County.

We have traveled for weeks throughout the East Coast and Wisconsin to put together this group of cattle for our annual Christmas Sale. We think you'll be pleased with the quality of these cows.

75 Big, rangy grade cows milking up to 100 lbs. per day.
75 Grade heifers with lots of type..really milking!
50 Registered cows & 1st calf heifers from popular sires, many with good records & high classification, lots of potential.

1 load from Wisconsin!
2 loads from Maine!
2 loads from Massachusetts!
1 load from New York!
Some from PA, MD, CT, and Canada!



SPECIAL MENTION

An EX-90 MARVEX dau. due to VALIANT, a real top show cow! 3-02 2x
305d 20,370m 646f 4-11 90 VEEE
**********ALSO SELLING...
Her dau., a COLUMBUS dau., due by sale time to BELL.

SPECIAL MENTION

Dam of EX Marvex will also be Selling...
She is a VG,88 MATT TIPPY who has milked over 100 lbs...6 months straight!!!
Over 100,000m lifetime and due in Jan. to BELL!
5-0 88,VG VVVE 261d 24,490m 3.5% 852f
NEXT DAM: (not selling) is 87 pt. as Lifetime 119,160m 3.9%!!

— a GP I-O-STATE CHIEF FORD dau. at 305d 17,950m 3.9% 704f, Dam is 87-VEE with 305d 24,110m 823f. 2nd dam at 289d 19,180m 4.0% 773f.
— a Big fancy GP S-W-D VALIANT dau. blue 12/15 to Joyland Forcaster Starlite.
— a nice 5 yr. old GP, HANOVER-HILL TRIPLE THREAT dau. with 305d 16,411m 3.8% 617f, due to Paclamar Tidal Wave-ET. Her 3 yr. old POVERTY-HOLLOW MILESTONE dau. also sells.
— a 2 yr. old PLUSHANSKI PERSUADER dau. due before sale to Marshfield Elevation Tony.
— a VG,88 WYNDO ROCKY dau. with 305d 16,490m 572f, dam with 305d 21,390m 3.7% 782f, 2nd dam with 305d 19,550m 3.6% 696f.
— a 3 yr. old S-S-F GAY IDEAL BUBBLER dau. as 2 yr. old 336d 15,380m 3.99% 614f due to Paclamar Bootmaker. From 7 generations of VG & EX dam on Maternal Side.
— a 2 yr. old ROSEMERE FURY IVAN dau. due sale time to Carlin-M Ivanhoe Bell, her Tidy Burke Transmitter dam with 329d 17,800m 3.6% 633f.
— a 3 yr. old STONELAWN PACLAMAR LEPRECHAUN dau. due to c LeRose Satellite.
— a GP CONANT-ACRES TEX dau.
— a fresh KINGWAY ELEVATION VERY dau.
— a fancy LIFE-O-RILEY MARQUIS KING dau. from a Hanover-Hill Triple Threat Red dam.
— a first calf WILLOW-FARM ROCKMAN IVANHOE dau. due sale time to Joyland Forcaster Starlite.
— a 2 yr. old ROWNTREE COMMERCE-ET dau., dam is VG Creek Bluff Elevation Lester dau. 2-0 310d 18,330m as 3-1 she had 115 lbs. for tester, 2nd dam is EX Sunnyside Standout dau. with 4 records over 18,300m in 305d.

Some of these cows have enough quality to show. Many more good Purebreds not listed in this ad, but will be cataloged for the Sale, DECEMBER 19th at 11:00 a.m.

ALSO SELLING:

4 RED & WHITE HOLSTEINS!
1 FRESH PUREBRED JERSEY & 1 FRESH PUREBRED AYRSHIRE!
SEVERAL MIXED BREED COWS!!
A SERVICE AGE PUREBRED BULL!
SEVERAL PUREBRED HEIFER CALVES!

FARMERS! We really have a good selection of cows and heifers for this Sale. If you need any cows come to this Sale and you will have the opportunity to buy the kind you want.

We would also like to thank all our customers for their friendship & patronage during this past year! The Kolb Organization wishes everyone a most pleasant & safe holiday season, and the best of luck to everyone in 1986!!

SPECIAL CHRISTMAS MEAL....PORK ROAST....ALL-U-CAN-EAT!!!!

FREE TURKEY FOR EVERYONE THAT BUYS A COW!!

DOOR PRIZE: PB HEIFER CALF...MUST BE A BUYER TO BE ELIGIBLE TO WIN!!!

FREE TRANSPORTATION for Lanc. Co. Amish - Please call 569-2106 or 6800 before Wednesday 5:00 P.M. (12/18)

MELVIN KOLB: Sales Manager
ROBERT C. MULLENDORE: Auctioneer AU-000644-L
HENRY KETTERING: Pedigrees

PA FARM MANAGER: Dennis Kolb 717-569-2106 or 6800
MD FARM MANAGER: Thomas Kolb 301-898-7720 or 7663

For those times when all your cows need is vitamins and minerals,

IT'S TIME FOR PURINA®* SUPPL-MINERAL™

BRAND MINERAL SUPPLEMENT

Economical Purina Dairy Suppl-Minerals

For use with forage programs that are already giving your cows enough protein and energy.

Purina Dairy Suppl-Mineral I
For Legume Forage Programs
NET WT 50 LB
Purina Dairy Suppl-Mineral II
For Corn Silage or Corn Silage/Grass Forage Programs
NET WT 50 LB
Purina Dairy Suppl-Mineral III
For Corn Silage, Grass, and Legume Forage Programs
Purina Dairy Suppl-Mineral III RM
For Corn Silage, Grass, and Legume Forage Programs

GET A FREE BARN CLOCK!

See Purina's ad in the December issues of Hoard's Dairyman, Farm Journal Dairy Extra, Wisconsin Agriculturalist and Dairy.

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Good Breeding | Sound Management
Careful Sanitation | Good Feeding
FOR GOOD PRODUCTION

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K & K FEED, INC.
PHONE 717 866 2324
23 N PARK ST RICHLAND PA 17087

WOODSTOWN ICE & COAL CO.
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215-767 3816
MORGANTOWN PA 19543
215 286 0133